

2580 Creekview Road Moab, Utah 84532 435/719-2018 435/719-2019 Fax

December 22, 2006

Fluid Minerals Group **Bureau of Land Management** Vernal Field Office 170 South 500 East Vernal, Utah 84078

RE: Application for Permit to Drill-Dominion Exploration & Production, Inc.

KC 14-31E:

Surface Location: 1,094' FSL & 1,495' FWL, SE/4 SW/4, Target Location: 650' FSL & 1,900' FWL, SE/4 SW/4.

Section 31, T10S, R19E, SLB&M, Uintah County, Utah

#### **Dear Fluid Minerals Group:**

On behalf of Dominion Exploration & Production, Inc. (Dominion), Buys & Associates, Inc. respectfully submits the enclosed original and three copies of the Application for Permit to Drill (APD) for the above referenced BLM administered directional well. A request for exception to spacing (R649-3-11) is hereby requested based on topography since the well is located within 460' of the drilling unit boundary. Dominion Exploration & Production, Inc. is the only owner and operator within 460' of the proposed well and all points along the intended well bore path. Included with the APD is the following supplemental information:

Exhibit "A" - Survey plats, layouts and photos of the proposed well site;

Exhibit "B" - Proposed location maps with access and utility corridors;

Exhibit "C" - Production site layout;

Exhibit "D" - Drilling Plan;

Exhibit "E" - Surface Use Plan;

Exhibit "F" - Typical BOP and Choke Manifold diagram.

Please accept this letter as Dominion's, written request for confidential treatment of all information contained in and pertaining to this application.

Thank you very much for your timely consideration of this application. Please feel free to contact myself or Barbara Lester of Dominion at 405-749-5237 if you have any questions or need additional information.

Sincerely.

Don Hamilton

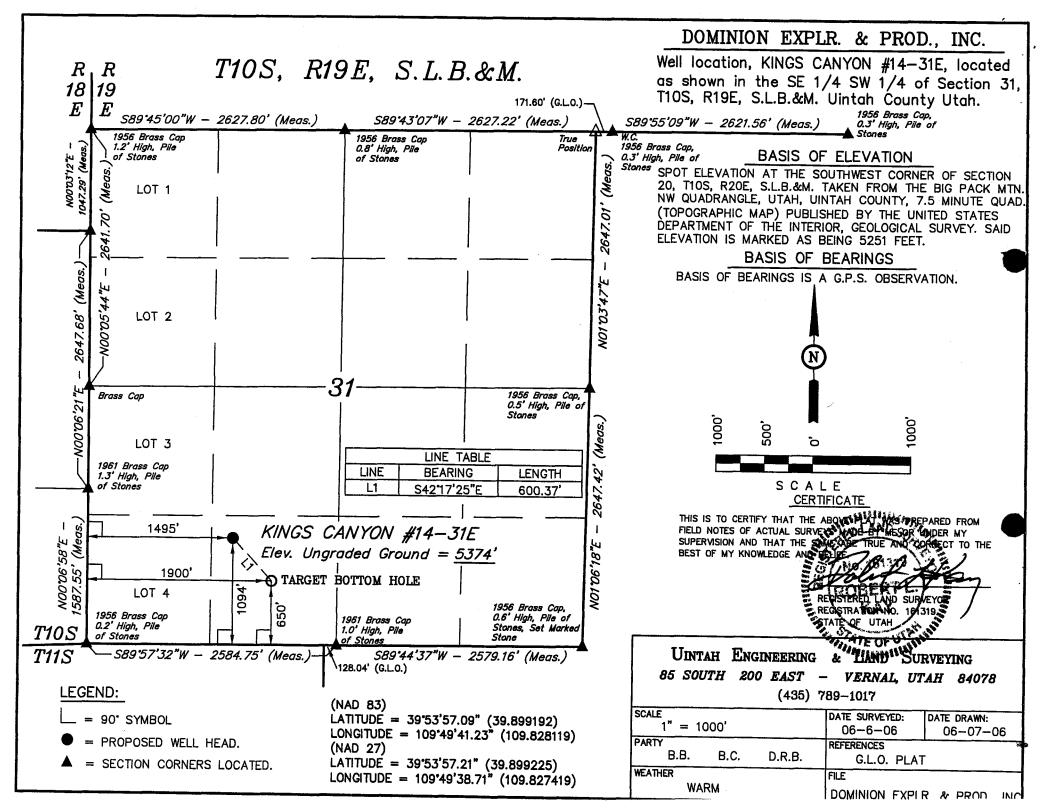
Agent for Dominion

cc: Diana Whitney, Division of Oil, Gas and Mining Barbara Lester, Dominion Ken Secrest, Dominion

RECEIVED DEC 2 8 2006

DIV. OF OIL, GAS & MINING FILE COPY

(February 2005)						. 1004-0137 farch 31, 2007
		ITED STATES NT OF THE 1		}	5. Lease Serial No.	
		F LAND MAN			6. If Indian, Allotee	or Tribe Name
	APPLICATION FOR	PERMIT TO	DRILL OR REENTER		N/A	or tribe Name
la. Type of work:	DRILL	REENTI	ER .		7 If Unit or CA Agre N/A	
lb. Type of Well:	Oil Well Gas Wel	1 Other	Single Zone Multip	ple Zone	8. Lease Name and V KC 14-31E	Well No.
2. Name of Operato	or  Dominion Exploration	& Production, I	nc.		9. API Well No.	047-38948
	0 Quail Springs Parkway, S homa City, OK 73134	Suite 609	3b. Phone No. (include area code) 405-749-5237		10. Field and Pool, or I	Exploratory Nature Bert
At surface	1 (Report location clearly and i 1,094' FSL & 1,49. d. zone 650' FSL & 1,900'	5' FWL, SE/4 SW	V/4 <b>,</b>		11. Sec., T. R. M. or B Section 31, T10	lk. and Survey or Area  0S, R19E, SLB&M
14. Distance in miles	and direction from nearest tow				12. County or Parish	13. State
15.31 miles so	outhwest of Ouray, Utah		16. No. of acres in lease	17 Canin	Uintah	UT
location to neares	st		16. No. of acres in lease  1034.40 acres	17. Spacing	g Unit dedicated to this vesses	well
18. Distance from pro to nearest well, dr applied for, on thi	oposed location*		19. Proposed Depth 10,099' MD, 10,000' TVD	20. BLM/E	BIA Bond No. on file	
21. Elevations (Shows 5,374' GR	w whether DF, KDB, RT, GL,	, etc.)	22. Approximate date work will sta 04/18/2007	L ut*	23. Estimated duration	<b>n</b> .
			24 4 1		<u> </u>	
1. Well plat certified	eted in accordance with the req	uirements of Onsho	24. Attachments re Oil and Gas Order No.1, must be a			existing bond on file (see
<ol> <li>Well plat certified</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan.</li> </ol>		onal Forest System	te Oil and Gas Order No.1, must be a  4. Bond to cover to tem 20 above).  Lands, the 5. Operator certified. Such other site BLM.	the operation	ns unless covered by an	existing bond on file (see
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#### **DIRECTIONAL DRILLING PLAN**

#### APPROVAL OF OPERATIONS

#### **Attachment for Permit to Drill**

Name of Operator:

**Dominion Exploration & Production** 

Address:

14000 Quail Springs Parkway, Suite 600

Oklahoma City, OK 73134

Well Location:

KC 14-31E

SHL: 1.094' FSL & 1,495' FWL, Section 31-10S-19E

BHL: 650' FSL & 1,900' FWL, Section 31-10S-19E

Uintah County, UT

1. GEOLOGIC SURFACE FORMATION

Uintah

#### 2. <u>ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS</u>

Formation	Depth (MD)
Wasatch Tongue	3,959'
Green River Tongue	4,299'
Wasatch	4,439'
Chapita Wells	5,329'
Uteland Buttes	6,689'
Mesaverde	7,564'

#### 3. <u>ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL</u>, <u>GAS OR MINERALS</u>

<u>Formation</u>	Depth (MD)	Type
Wasatch Tongue	3,959'	Oil
Green River Tongue	4,299'	Oil
Wasatch	4,439'	Gas
Chapita Wells	5,329'	Gas
Uteland Buttes	6,689'	Gas
Mesaverde	7,564'	Gas

#### 4. PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing.

<u>Type</u>	Size	Weight	<u>Grade</u>	Conn.	Top	Bottom (MD)	<u>Hole</u>
Surface	13-3/8"	48.0 ppf	H-40	STC	0,	500'	17-½"
Intermediate	9-5/8"	36.0 ppf	J-55	STC	0,	3,024	12-1/4"
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0,	10,099	7-7/8"

#### 5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Surface hole: No BOPE will be utilized.

Intermediate hole: To be drilled using a diverter stack with rotating head to divert flow from rig floor.

<u>Production hole</u>: Prior to drilling out the intermediate casing shoe, 3,000 psi or greater BOP equipment will be installed. The pipe rams will be operated at least once per day from surface to total depth. The blind rams will be tested once per day from surface to total depth if operations permit.

#### **DRILLING PLAN**

#### APPROVAL OF OPERATIONS

A diagram of the planned BOP equipment for normal drilling operations in this area is attached. As denoted there will be two valves and one check valve on the kill line, two valves on the choke line, and two adjustable chokes on the manifold system. The BOP "stack" will consist of two BOP rams (1 pipe, 1 blind) and one annular type preventer, all rated to a minimum of 3,000 psi working pressure.

The BOP equipment will be pressure tested prior to drilling out surface casing shoe and anytime a new casing string is set.

All test pressures will be maintained for fifteen (15) minutes without any significant pressure decrease. Clear water will be circulated into the BOP stack and lines prior to pressure testing. The following test pressures will be used as a minimum for various equipment items.

1.	Annular BOP	1,500 psi
2.	Ram type BOP	3,000 psi
3.	Kill line valves	3,000 psi
4.	Choke line valves and choke manifold valves	3,000 psi
5.	Chokes	3,000 psi
6.	Casing, casinghead & weld	1,500 psi
7.	Upper kelly cock and safety valve	3,000 psi
8.	Dart valve	3,000 psi

#### MUD SYSTEMS

- An air or an air/mist system may be used to drill to drill the surface hole until water influx becomes too great.
- KCL mud system will be used to drill well.
- The mud system will be monitored manually/visually.

Depths (MD)	Mud Weight (ppg)	Mud System
0' - 500'	8.4	Air foam mist, no pressure control
<b>500'</b> – 3,024'	8.6	Fresh water, rotating head and diverter
3,024' - 10,099'	8.6	Fresh water/2% KCL/KCL mud system

#### BLOOIE LINE

- An automatic igniter will not be installed on blooie line. The blooie will have a contant ignition source.
- A "target tee" connection will be installed on blooie line for 90° change of directions for abrasion resistance.
- "Target tee" connections will be a minimum of 50' from wellhead.
- The blooie line discharge will be a minimum of 80' from the wellhead.

#### 8. <u>AUXILIARY EQUIPMENT TO BE USED</u>

- a. Kelly cock.
- b. Full opening valve with drill pipe connection will be kept on floor. Valve will be used when the kelly is not in string.

#### 9. TESTING. LOGGING, AND CORING PROGRAMS TO BE FOLLOWED

- A drillstem test in the Wasatch Tongue is possible.
- One electric line wire-log will be run from total depth to intermediate casing.
- The gamma ray will be left on to record from total depth to intermediate casing.
- Other log curves (resistivities, porosity, and caliper) will record from total depth to intermediate casing.
- A dipmeter, percussion cores, or rotary cores may be run over selected intervals.

#### 10. ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

- Expected BHP 1,500-2,000 psi (lower than normal pressure gradient).
- No abnormal temperature or pressures are anticipated.
- The formations to be penetrated do not contain known H2S gas.

#### 11. WATER SUPPLY

- No water pipelines will be laid for this well.
- No water well will be drilled for this well.
- Drilling water for this will be hauled on the road(s) shown in Attachment No. 3.
- Water will be hauled from: Water Permit # 43-10447 Section 9, Township 8 South, Range 20 East

#### DRILLING PLAN

#### APPROVAL OF OPERATIONS

#### 12. **CEMENT SYSTEMS**

- Surface Cement:
  - Drill 17-1/2" hole to 500' and cement 13-3/8" to surface with 450 sks class "C" cement with 2% CaCl<sub>2</sub> and 1/4 #/sk. Polyflake (volume includes 70% excess). Top out as necessary. Casing to be centralized with a total of 5 centralizers.
- Intermediate Casing Cement:
  - Drill 12-1/4" hole to 3,024' (MD) +, run and cement 9-5/8" to surface.
  - Pump 20 bbls lightly weighted water spacer followed by 5 bbls fresh water. Displace with any available water.
  - Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug one joint off bottom e) bottom three joints thread locked f) pump job with bottom plug only. Casing to be centralized with a total of 15 centralizers.
  - Cement to surface not required due to surface casing set deeper than normal.

					<u>Hole</u>	<u>Cement</u>
Type	Sacks 5	Interval (MD)	<b>Density</b>	Yield Yield	<u>Volume</u>	<u>Volume</u>
Lead	350	0'-2,524'	10.5 ppg	4.14 CFS	828 <b>CF</b>	1,450 CF
Tail	254	2,524'-3,024'	15.6 ppg	1.2 CFS	174 CF	304 <b>CF</b>

Intermediate design volumes based on 75% excess of gauge hole.

Lead Mix:

Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.

Slurry yield:

4.14 cf/sack

Slurry weight: 10.5 #/gal.

Water requirement:

26.07 gal/sack

Compressives (a) 110°F: 72 psi after 24 hours

Tail Mix:

Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 46.5% fresh water.

Slurry yield:

1.20 cf/sack

Slurry weight:

15.6 #/gal.

Pump Time: 1 hr. 5 min. (a) 110 °F.

Compressives (a), 110 °F: 2,500 psi after 24 hours

- c. Production Casing Cement:
  - Drill 7-7/8" hole to 10,099' (MD) ±, run and cement 5 1/2".
  - Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H20 spacer.
  - Displace with 2% KCL.
  - Production casing to be centralized with 30 centralizers.

					<u>Hole</u>	Cement
<u>Type</u>	<b>Sacks</b>	Interval (MD)	<b>Density</b>	Yield	<u>Volume</u>	<u>Volume</u>
Lead	90	3,639'-4,439'	11.5 ppg	3.12 CFS	139 <b>CF</b>	277 <b>CF</b>
Tail	1130	4,439'-10,099'	13.0 ppg	1.75 CFS	981 <b>CF</b>	1961 <b>CF</b>

Production design volumes based on 35% excess of gauge hole. Actual volumes will be calculated from caliper log to bring lead cement to 800' above top of Wasatch + 15% excess, and tail cement to top of Wasatch +15%.

Lead Mix:

Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.

Slurry yield:

3.12 cf/sack

17.71 gal/sack

Water requirement: Compressives (a) 130°F: 157 psi after 24 hours

Tail Mix:

Halliburton HLC blend (Prem Plus V/JB flyash). Blend includes Class "G" cement, KCl, EX-1, Halad 322,

& HR-5.

1.75 cf/sack

Slurry weight:

Slurry weight:

13.00 #/gal.

11.60 #/gal.

Slurry yield: Water requirement:

9.09 gal/sack

Compressives (a) 165°F: 905 psi after 24 hours

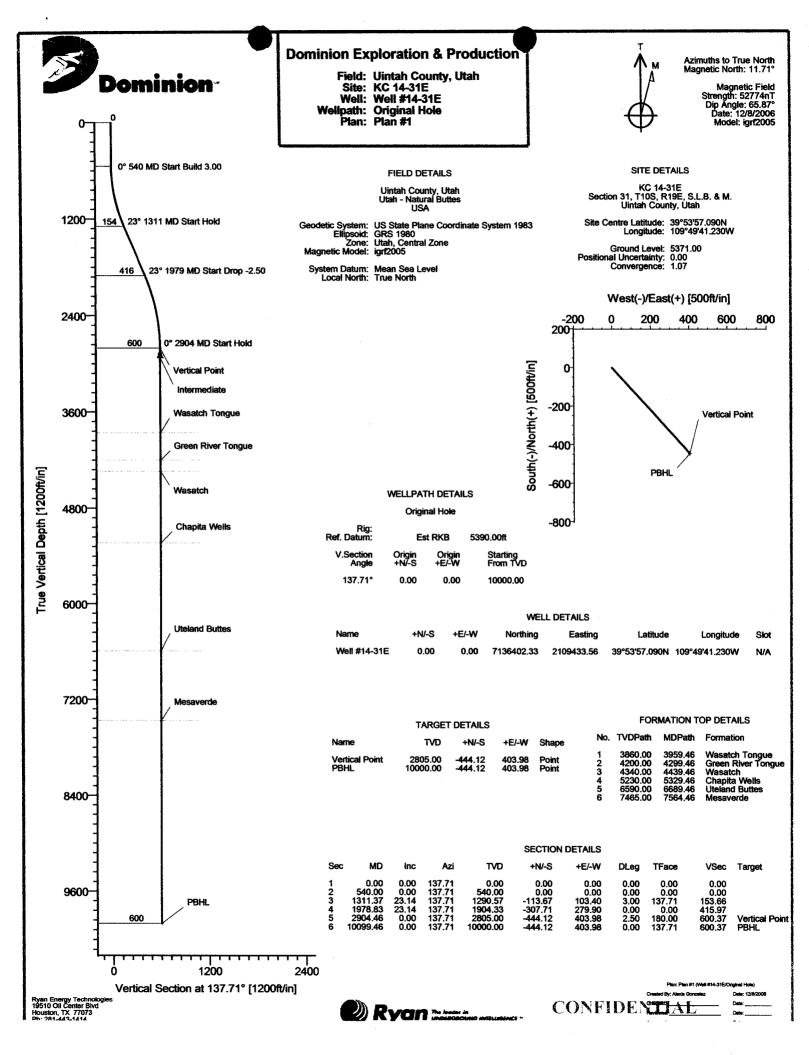
13. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS

Starting Date:

April 18, <del>2006</del> 2007

**Duration:** 

14 Days





### Ryan Energy Technolog **Planning Report**



Page:

1

**Dominion Exploration & Product** 

Field:

Uintah County, Utah

Site: Well:

KC 14-31E

Well #14-31E Original Hole

12/8/2006 Date:

Vertical (TVD) Reference:

Section (VS) Reference: Plan:

Time: 10:09:54

Co-ordinate(NE) Reference: Well: Well #14-31E, True North

Est RKB 5390.0

Well (0.00N,0.00E,137.71Azi) Plan #1

Wellpath: Field:

Uintah County, Utah

**Utah - Natural Buttes** 

USA

Map System: US State Plane Coordinate System 1983

Geo Datum: GRS 1980 Sys Datum: Mean Sea Level

Map Zone:

**Coordinate System:** Geomagnetic Model: Utah, Central Zone

Well Centre iarf2005

Site:

KC 14-31E

Section 31, T10S, R19E, S.L.B. & M.

Uintah County, Utah

**Site Position:** Geographic

Position Uncertainty: **Ground Level:** 

0.00 ft 5371.00 ft Northing: 7136402.33 ft Easting:

2109433.56 ft

Latitude:

Longitude: North Reference: **Grid Convergence:** 

39 53 57 090 N 109 49 41.230 W True

1.07 deg

Well:

Well #14-31E

+N/-S

+E/-W

0.00 ft Northing: 0.00 ft Easting:

7136402.33 ft 2109433.56 ft

Latitude: Longitude:

Drilled From:

Tie-on Depth:

Declination:

**Above System Datum:** 

**Slot Name:** 

39 53 57.090 N

**Position Uncertainty:** 

Well Position:

0.00 ft

109 49 41.230 W

Wellpath: Original Hole

**Current Datum:** Magnetic Data:

Field Strength:

Vertical Section:

Est RKB

12/8/2006

ft

10000.00

52774 nT Depth From (TVD)

Height 5390.00 ft

+N/-S

0.00

Mag Dip Angle: +E/-W ft

Surface

Mean Sea Level 11.71 deg 65.87 deg Direction

0.00 ft

ft deg 0.00 137.71

Plan:

Principal:

Plan #1

**Date Composed:** 

Version: Tied-to:

12/8/2006

From Surface

#### **Plan Section Information**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	137.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
540.00	0.00	137.71	540.00	0.00	0.00	0.00	0.00	0.00	0.00	
1311.37	23.14	137.71	1290.57	-113.67	103.40	3.00	3.00	0.00	137.71	
1978.83	23.14	137.71	1904.33	-307.71	279.90	0.00	0.00	0.00	0.00	
2904.46	0.00	137.71	2805.00	<del>-444</del> .12	403.98	2.50	-2.50	0.00	180.00	Vertical Point
10099.46	0.00	137.71	10000.00	-444.12	403.98	0.00	0.00	0.00	137.71	PBHL

#### Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
540.00	0.00	137.71	540.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	1.80	137.71	599.99	-0.70	0.63	0.94	3.00	3.00	0.00	
700.00	4.80	137.71	699.81	<b>-4.95</b>	4.51	6.70	3.00	3.00	0.00	
800.00	7.80	137.71	799.20	-13.07	11.89	17.67	3.00	3.00	0.00	
900.00	10.80	137.71	897.87	-25.02	22.76	33.83	3.00	3.00	0.00	
1000.00	13.80	137.71	995.57	-40.78	37.10	55.13	3.00	3.00	0.00	
1100.00	16.80	137.71	1092.01	-60.30	54.85	81.51	3.00	3.00	0.00	
1200.00	19.80	137.71	1186.94	-83.52	75.97	112.91	3.00	3.00	0.00	
1300.00	22.80	137.71	1280.10	-110.39	100.41	149.23	3.00	3.00	0.00	
1311.37	23.14	137.71	1290.57	-113.67	103.40	153.66	3.00	3.00	0.00	
1400.00	23.14	137.71	1372.07	-139.44	126.84	188.50	0.00	0.00	0.00	
1500.00	23.14	137.71	1464.02	-168.51	153.28	227.80	0.00	0.00	0.00	
1600.00	23.14	137.71	1555.98	-197.58	179.72	267.09	0.00	0.00	0.00	
1700.00	23.14	137.71	1647.93	-226.65	206.17	306.39	0.00	0.00	0.00	
1800.00	23.14	137.71	1739.89	-255.72	232.61	345.69	0.00	0.00	0.00	



### Ryan Energy Technological **Planning Report**



2

Company: Dominion Exploration & Product

Field: Site:

Uintah County, Utah

KC 14-31E Well: Well #14-31E Wellpath: Original Hole

Date: 12/8/2006

Time: 10:09:54

Co-ordinate(NE) Reference: Well: Well #14-31E, True North

Vertical (TVD) Reference: Est RKB 5390.0

Section (VS) Reference: Well (0.00N,0.00E,137.71Azi)

Plan #1

Survey										
MD	Incl	Azim	TVD	+N/-S	+E/-W	vs	DLS	Build	Turn	Tool/Comment
ft	deg	deg	ft	ft	ft	ft	deg/1001	deg/100t	deg/100ft	
1900.00	23.14	137.71	1831.84	-284.80	259.06	384.99	0.00	0.00	0.00	
1978.83	23.14	137.71	1904.33	-307.71	279.90	415.97	0.00	0.00	0.00	
2000.00	22.61	137.71	1923.83	-313.80	285.44	424.20	2.50	-2.50	0.00	
2100.00	20.11	137.71	2016.95	-340.74	309.95	460.62	2.50	-2.50	0.00	
2200.00	17.61	137.71	2111.58	-364.66	331.70	492.95	2.50	-2.50	0.00	
2300.00	15.11	137.71	2207.52	-385.49	350.65	521.12	2.50	-2.50	0.00	
2400.00	12.61	137.71	2304.60	-403.22	366.77	545.07	2.50	-2.50	0.00	
2500.00	10.11	137.71	2402.63	-417.79	380.03	564.77	2.50	-2.50	0.00	
2600.00	7.61	137.71	2501.43	-429.18	390.39	580.17	2.50	-2.50	0.00	
2700.00	5.11	137.71	2600.81	-437.38	397.85	591.25	2.50	-2.50	0.00	
0000 00	0.04	407.74	0700 57	440.00	400.00	507.00	0.50	0.50	0.00	
2800.00	2.61	137.71	2700.57	-442.36	402.38	597.99	2.50	-2.50	0.00	Vertical Daint
2904.46	0.00	137.71	2805.00	-444.12	403.98	600.37	2.50	-2.50	0.00	Vertical Point
3000.00	0.00	137.71	2900.54	-444.12 444.42	403.98	600.37	0.00	0.00	0.00	
3024.46	0.00	137.71	2925.00	<del>-444</del> .12	403.98	600.37	0.00	0.00	0.00	Intermediate
3100.00	0.00	137.71	3000.54	<del>-444</del> .12	403.98	600.37	0.00	0.00	0.00	
3200.00	0.00	137 74	3100.54	-444.12	403 00	600.37	0.00	0.00	0.00	
3200.00	0.00 0.00	137.71 137.71	3200.54	<del>-444</del> .12 -444.12	403.98 403.98	600.37	0.00 0.00	0.00	0.00	
3400.00	0.00	137.71	3200.54 3300.54	<del>-444</del> .12 -444.12	403.98 403.98	600.37	0.00	0.00	0.00	
3500.00	0.00	137.71	3400.54 3400.54	<del>-444</del> .12 -444.12	403.98 403.98	600.37	0.00	0.00	0.00	
3600.00	0.00	137.71	3500.54	<del>-444</del> .12 -444.12	403.98 403.98	600.37	0.00	0.00	0.00	
3000.00	0.00	137.71	JJUU.34	<del>~~~</del> .12	403.80	000.37	<b>U.UU</b>	0.00	0.00	
3700.00	0.00	137.71	3600.54	-444.12	403.98	600.37	0.00	0.00	0.00	
3800.00	0.00	137.71	3700.54	-444.12	403.98	600.37	0.00	0.00	0.00	
3900.00	0.00	137.71	3800.54	-444.12	403.98	600.37	0.00	0.00	0.00	
3959.46	0.00	137.71	3860.00	-444.12	403.98	600.37	0.00	0.00	0.00	Wasatch Tongue
4000.00	0.00	137.71	3900.54	-444.12	403.98	600.37	0.00	0.00	0.00	Wasakar rongae
1000.00	0.00		0000.01		.00.00	000.0.	0.00	0.00	0.00	
4100.00	0.00	137.71	4000.54	-444.12	403.98	600.37	0.00	0.00	0.00	
4200.00	0.00	137.71	4100.54	-444.12	403.98	600.37	0.00	0.00	0.00	
4299.46	0.00	137.71	4200.00	-444.12	403.98	600.37	0.00	0.00	0.00	Green River Tongue
4300.00	0.00	137.71	4200.54	-444.12	403.98	600.37	0.00	0.00	0.00	
4400.00	0.00	137.71	4300.54	-444.12	403.98	600.37	0.00	0.00	0.00	
4439.46	0.00	137.71	4340.00	<del>-444</del> .12	403.98	600.37	0.00	0.00	0.00	Wasatch
4500.00	0.00	137.71	4400.54	-444.12	403.98	600.37	0.00	0.00	0.00	
4600.00	0.00	137.71	4500.54	<del>-444</del> .12	403.98	600.37	0.00	0.00	0.00	
4700.00	0.00	137.71	4600.54	-444.12	403.98	600.37	0.00	0.00	0.00	
4800.00	0.00	137.71	4700.54	-444.12	403.98	600.37	0.00	0.00	0.00	
4900.00	0.00	137.71	4800.54	-444.12	403.98	600.37	0.00	0.00	0.00	
5000.00	0.00	137.71	4900.54	-444.12	403.98	600.37	0.00	0.00	0.00	
5100.00	0.00	137.71	5000.54	-444.12	403.98	600.37	0.00	0.00	0.00	
5200.00	0.00	137.71	5100.54	-444.12	403.98	600.37	0.00	0.00	0.00	
5300.00	0.00	137.71	5200.54	-444.12	403.98	600.37	0.00	0.00	0.00	
F000 45	0.00	40774	F000 00	444.40	400.00	000 OT			0.00	Ob 24 - 144-27
5329.46	0.00	137.71	5230.00	<del>-444</del> .12	403.98	600.37	0.00	0.00	0.00	Chapita Wells
5400.00	0.00	137.71	5300.54	-444.12	403.98	600.37	0.00	0.00	0.00	
5500.00	0.00	137.71	5400.54	-444.12	403.98	600.37	0.00	0.00	0.00	
5600.00	0.00	137.71	5500.54 5600.54	-444.12	403.98	600.37	0.00	0.00	0.00	
5700.00	0.00	137.71	5600.54	-444.12	403.98	600.37	0.00	0.00	0.00	
5000.00	0.00	427.74	E700 E4	444 40	402.00	600.37	0.00	0.00	0.00	
5800.00	0.00	137.71	5700.54 5900.54	-444.12	403.98	600.37	0.00	0.00	0.00	
5900.00	0.00	137.71	5800.54	-444.12	403.98	600.37	0.00	0.00	0.00	
6000.00	0.00	137.71	5900.54 6000.54	-444.12	403.98	600.37	0.00	0.00	0.00	
6100.00	0.00	137.71	6000.54	-444.12	403.98	600.37	0.00	0.00	0.00	
6200.00	0.00	137.71	6100.54	<del>-444</del> .12	403.98	600.37	0.00	0.00	0.00	
6300.00	0.00	127 74	6200 54	444 40	402.00	600.27	0.00	0.00	0.00	
6300.00	0.00	137.71	6200.54 6300.54	-444.12 -444.12	403.98	600.37 600.37	0.00	0.00	0.00	
6400.00 6500.00	0.00 0.00	137.71 137.71	6400.54	-444.12 -444.12	403.98 403.98	600.37	0.00	0.00 0.00	0.00 0.00	
6600.00	0.00	137.71 137.71	6500.54	<del>-444</del> .12 -444.12	403.98	600.37	0.00 0.00	0.00	0.00	
5550.60	0.00	197.71	0500.04	<del>~~~</del> , 1∠	403.30	000.37	0.00	J.00	U.UU	



## Ryan Energy Technological Planning Report



Company: Dominion Exploration & Product

Field: Site: Uintah County, Utah

Site: KC 14-31E Well: Well #14-31E Wellpath: Original Hole Date: 12/8/2006

Time: 10:09:54

Co-ordinate(NE) Reference: Well: Well #14-31E, True North

Vertical (TVD) Reference: Est RKB 5390.0

Section (VS) Reference:

Well (0.00N,0.00E,137.71Azi)

Plan #1

Survey					· · · · · · · · · · · · · · · · · · ·					
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
6689.46	0.00	137.71	6590.00	-444.12	403.98	600.37	0.00	0.00	0.00	Uteland Buttes
6700.00	0.00	137.71	6600.54	-444.12	403.98	600.37	0.00	0.00	0.00	
6800.00	0.00	137.71	6700.54	-444.12	403.98	600.37	0.00	0.00	0.00	
6900.00	0.00	137.71	6800.54	-444.12	403.98	600.37	0.00	0.00	0.00	
7000.00	0.00	137.71	6900.54	-444.12	403.98	600.37	0.00	0.00	0.00	
7100.00	0.00	137.71	7000.54	-444.12	403.98	600.37	0.00	0.00	0.00	
7200.00	0.00	137.71	7100.54	-444.12	403.98	600.37	0.00	0.00	0.00	
7300.00	0.00	137.71	7200.54	-444.12	403.98	600.37	0.00	0.00	0.00	
7400.00	0.00	137.71	7300.54	-444.12	403.98	600.37	0.00	0.00	0.00	
7500.00	0.00	137.71	7400.54	-444.12	403.98	600.37	0.00	0.00	0.00	
7564.46	0.00	137.71	7465.00	-444.12	403.98	600.37	0.00	0.00	0.00	Mesaverde
7600.00	0.00	137.71	7500.54	-444.12	403.98	600.37	0.00	0.00	0.00	
7700.00	0.00	137.71	7600.54	<del>-444</del> .12	403.98	600.37	0.00	0.00	0.00	
7800.00	0.00	137.71	7700.54	-444.12	403.98	600.37	0.00	0.00	0.00	
7900.00	0.00	137.71	7800.54	-444.12	403.98	600.37	0.00	0.00	0.00	
8000.00	0.00	137.71	7900.54	-444.12	403.98	600.37	0.00	0.00	0.00	
8100.00	0.00	137.71	8000.54	-444.12	403.98	600.37	0.00	0.00	0.00	
8200.00	0.00	137.71	8100.54	<del>-444</del> .12	403.98	600.37	0.00	0.00	0.00	
8300.00	0.00	137.71	8200.54	-444.12	403.98	600.37	0.00	0.00	0.00	
8400.00	0.00	137.71	8300.54	-444.12	403.98	600.37	0.00	0.00	0.00	
8500.00	0.00	137.71	8400.54	-444.12	403.98	600.37	0.00	0.00	0.00	
8600.00	0.00	137.71	8500.54	-444.12	403.98	600.37	0.00	0.00	0.00	
8700.00	0.00	137.71	8600.54	-444.12	403.98	600.37	0.00	0.00	0.00	
8800.00	0.00	137.71	8700.54	-444.12	403.98	600.37	0.00	0.00	0.00	
8900.00	0.00	137.71	8800.54	-444.12	403.98	600.37	0.00	0.00	0.00	
9000.00	0.00	137.71	8900.54	-444.12	403.98	600.37	0.00	0.00	0.00	
9100.00	0.00	137.71	9000.54	-444.12	403.98	600.37	0.00	0.00	0.00	
9200.00	0.00	137.71	9100.54	-444.12	403.98	600.37	0.00	0.00	0.00	
9300.00	0.00	137.71	9200.54	-444.12	403.98	600.37	0.00	0.00	0.00	
9400.00	0.00	137.71	9300.54	<del>-444</del> .12	403.98	600.37	0.00	0.00	0.00	
9500.00	0.00	137.71	9400.54	-444.12	403.98	600.37	0.00	0.00	0.00	
9600.00	0.00	137.71	9500.54	-444.12	403.98	600.37	0.00	0.00	0.00	
9700.00	0.00	137.71	9600.54	<del>-444</del> .12	403.98	600.37	0.00	0.00	0.00	
9800.00	0.00	137.71	9700.54	-444.12	403.98	600.37	0.00	0.00	0.00	
9900.00	0.00	137.71	9800.54	-444.12	403.98	600.37	0.00	0.00	0.00	
10000.00	0.00	137.71	9900.54	-444.12	403.98	600.37	0.00	0.00	0.00	
10099.46	0.00	137.71	10000.00	-444.12	403.98	600.37	0.00	0.00	0.00	PBHL

Targets
---------

Name	Description Dip.	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	< Latitude> Deg Min Sec	< Longitude> Deg Min Sec
Vertical Point -Plan hit target			2805.00	-444.12	403.98	7135965.84	2109845.77	39 53 52.700 N	109 49 36.046 W
PBHL -Plan hit target			10000.00	-444.12	403.98	7135965.84	2109845.77	39 53 52.700 N	109 49 36.046 W

#### **Casing Points**

Diameter Hole Size Name in in
in



## Ryan Energy Technological **Planning Report**



Page:

Company: Dominion Exploration & Product

Field: Site:

Well: Well #14-31E Wellpath: Original Hole

Uintah County, Utah KC 14-31E

Date: 12/8/2006

Time: 10:09:54

Co-ordinate(NE) Reference: Well: Well #14-31E, True North

Vertical (TVD) Reference: Est RKB 5390.0

Section (VS) Reference:

Well (0.00N,0.00E,137.71Azi)

Plan:

Plan #1

**Formations** 

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
3959.46	3860.00	Wasatch Tongue		0.00	0.00
4299.46	4200.00	Green River Tongue		0.00	0.00
4439.46	4340.00	Wasatch		0.00	0.00
5329.46	5230.00	Chapita Wells		0.00	0.00
6689.46	6590.00	Uteland Buttes		0.00	0.00
7564.46	7465.00	Mesaverde		0.00	0.00

#### SURFACE USE PLAN

#### **CONDITIONS OF APPROVAL**

#### Attachment for Permit to Drill

Name of Operator:

**Dominion Exploration & Production** 

Address:

14000 Quail Springs Parkway, Suite 600

Oklahoma City, OK 73134

Well Location:

KC 14-31E

SHL: 1.094' FSL & 1,495' FWL, Section 31-10S-19E BHL: 650' FSL & 1,900' FWL, Section 31-10S-19E

Uintah County, UT

The dirt contractor will be provided with an approved copy of the surface use plan of operations before initiating construction.

The BLM onsite inspection for the referenced well was conducted on Tuesday, September 26, 2006 at approximately 11:30 am. In attendance at the onsite inspection were the following individuals:

Karl Wright Nat. Res. Prot. Spec. Brandon McDonald Wildlife Biologist Ken Secrest Field Foreman

Bureau of Land Management - Vernal Bureau of Land Management - Vernal

Dominion E & P, Inc.

Brandon Bowthorpe Uintah Engineering & Land Surveying Surveyor LaRose Construction Billy McClure **Foreman** 

Randy Jackson Foreman **Jackson Construction** Don Hamilton Agent Buys & Associates, Inc.

#### 1. **Existing Roads:**

- The proposed well site is located approximately 15.31 miles southwest of Ouray, UT. a.
- b. Directions to the proposed well site have been attached at the end of Exhibit B.
- The use of roads under State and County Road Department maintenance are necessary to C. access the Kings Canyon area. Permission to upgrade the existing county road into Section 31 has been previously received. An encroachment permit is necessary to improve the existing approach from the Hydes Bottom County Road.
- d. All existing roads will be maintained and kept in good repair during all phases of operation.
- Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate e. with road and weather conditions.
- Since no improvements are anticipated to any State, County, Tribal or BLM access roads no f. topsoil striping will occur.
- An off-lease federal right-of-way is being requested with this application for the g. pipeline corridor from the south line of Section 31 (lease boundary) to the existing 8" surface pipeline corridor reflected within the attached plat package. It is our intent to have this application serve as the right-of-way application for the off-lease portion of the pipeline corridor. An access road right-of-way is not anticipated since the off-lease portion of the access road is entirely a Title V Uintah County road.

#### 2. Planned Access Roads:

- a. From the previously upgraded Hydes Bottom Title V Uintah County Road that trends northwest a county road upgrade of the existing two-track road trending northeast is necessary to the end of the existing two-track road within Section 31 reflected on the attached plat package.
- b. From the existing Hydes Bottom Title V road proposed for upgrade an access is proposed trending northeast approximately 0.5 miles to the proposed well site. The access consists of entirely new disturbance and crosses no significant drainages.
- A road design plan is not anticipated at this time.
- d. The proposed access road will consist of a 24' travel surface within a 30' disturbed area across BLM lands.
- e. BLM approval to construct and utilize the proposed access road is requested with this application.
- f. A maximum grade of 10% will be maintained throughout the project.
- g. No turnouts are proposed.
- No low water crossings and no culverts are anticipated. Adequate drainage structures will be incorporated into the road.
- i. No surfacing material will come from federal or Indian lands.
- j. No gates or cattle guards are anticipated at this time.
- k. Surface disturbance and vehicular travel will be limited to the approved location access road.
- l. All access roads and surface disturbing activities will conform to the standards outlined in the Bureau of Land Management and Forest Service publication: <u>Surface Operating Standards for Oil and Gas Exploration and Development</u>, (1989).
- The operator will be responsible for all maintenance of the access road including drainage structures.

#### 3. Location of Existing Wells:

a. Exhibit B has a map reflecting these wells within a one mile radius of the proposed well.

#### 4. Location of Production Facilities:

 All permanent structures will be painted a flat, non-reflective Carlsbad Canyon to match the standard environmental colors. All facilities will be painted within six months of installation.
 Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.

- Site security guidelines identified in 43 CFR 3163.7-5 and Onshore Oil and Gas Order No. 3
   will be adhered to.
- c. A gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162. 7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.
- d. A tank battery will be constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All liquid hydrocarbons production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4 and Onshore Oil and Gas Order No. 5 for natural gas production and measurement.
- e. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.
- f. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.
- g. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice, and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.
- h. A gas pipeline is associated with this application and is being applied for at this time. The proposed gas pipeline corridor will leave the southwest side of the well site and traverse 2,518' southwest to the proposed KC 9-36D pipeline corridor. The pipeline corridor will then continue south to the existing 8" KC 10-36D pipeline corridor located north of the existing County Road.
- i. The new gas pipeline will be a 10" or less steel surface line within a 20' wide utility corridor. The use of the proposed well site and access roads will facilitate the staging of the pipeline construction. A new pipeline length of approximately 2,518' is associated with this well.
- j. An off-lease federal right-of-way is being requested with this application for the pipeline corridor from the south line of Section 31 (lease boundary) to the existing 8" surface pipeline corridor reflected within the attached plat package. It is our intent to have this application serve as the right-of-way application for the off-lease portion of the pipeline corridor.
- k. Dominion intends on installing the pipeline on the surface by welding many joints into long lengths, dragging the long lengths into position and then completing a final welding pass to join the long lengths together. Dominion intends on connecting the pipeline together utilizing conventional welding technology.

#### 5. <u>Location and Type of Water Supply:</u>

 The location and type of water supply has been addressed as number 11 within the previous drilling plan information.

#### 6. Source of Construction Material:

a. The use of materials will conform to 43 CFR 3610.2-3.

- b. No construction materials will be removed from Ute Tribal or BLM lands.
- c. If any gravel is used, it will be obtained from a state approved gravel pit.

#### 7. <u>Methods of Handling Waste Disposal:</u>

- a. All wastes associated with this application will be contained and disposed of utilizing approved facilities.
- b. Drill cuttings will be contained and buried on site.
- c. The reserve pit will be located outboard of the location and along the southeast side of the pad.
- d. The reserve pit will be constructed so as not to leak, break, or allow any discharge.
- e. The reserve pit will be lined with 16 mil minimum thickness plastic nylon reinforced liner material. The liner will overlay a felt liner pad only if rock is encountered during excavation. The pit liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operation.
- f. The reserve pit has been located in cut material. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated.
- g. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of the well.
- h. Trash will be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container will be hauled off periodically to the approved Uintah County Landfill near Vernal, Utah.
- Produced fluids from the well other than water will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.
- j. After initial clean-up, a 400 bbl tank will be installed to contain produced waste water. This water will be transported from the tank to an approved Dominion disposal well for disposal.
- k. Produced water from the production well will be disposed of at the RBU 13-11F or RBU 16-19F disposal wells in accordance with Onshore Order #7.
- Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed
  of in the same manner as the drilling fluid.
- m. Sanitary facilities will be on site at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to

transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

#### 8. Ancillary Facilities:

a. Garbage Containers and Portable Toilets are the only ancillary facilities proposed in this application.

#### 9. Well Site Layout: (See Exhibit B)

- a. The well will be properly identified in accordance with 43 CFR 3162.6.
- b. Access to the well pad will be from the southwest.
- c. The pad and road designs are consistent with BLM specification
- d. A pre-construction meeting with responsible company representative, contractors and the BLM will be conducted at the project site prior to commencement of surface-disturbing activities. The pad and road will be construction-staked prior to this meeting.
- e. The pad has been staked at its maximum size as shown on the location layout; however it will be constructed smaller if possible, depending upon rig availability. Should the layout change, this application will be amended and approved utilizing a sundry notice.
- f. All surface disturbing activities, will be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.
- g. All cut and fill slopes will be such that stability can be maintained for the life of the activity.
- h. Diversion ditches will be constructed as shown around the well site to prevent surface waters form entering the well site area.
- The site surface will be graded to drain away from the pit to avoid pit spillage during large storm events.
- j. The stockpiled topsoil (first 6 inches or maximum available) will be stored in a windrow on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and contamination.
- k. Pits will remain fenced until site cleanup.
- 1. The blooie line will be located at least 100 feet from the well head.
- m. Water injection may be implemented if necessary to minimize the amount of fugitive dust.

#### 10. Plans for Restoration of the Surface (Interim Reclamation and Final Reclamation):

- a. Site reclamation for a producing well will be accomplished for portions of the site not required for the continued operation of the well.
- b. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43

CFR 3162.7-1. Once the reserve pit is dry, the plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the location not needed for production facilities/operations will be re-contoured to the approximate natural contours.

- c. Following BLM published Best Management Practices the interim reclamation will be completed within 90 days of completion of the well to reestablish vegetation, reduce dust and erosion and compliment the visual resources of the area.
  - a. All equipment and debris will be removed from the area proposed for interim reclamation and the pit area will be backfilled and re-contoured.
  - b. The area outside of the rig anchors and other disturbed areas not needed for the operation of the well will be re-contoured to blend with the surrounding area and reseeded at 12 lbs /acre with the following native grass seeds:

1. Crested Wheat Grass (4 lbs / acre)

2. Needle and Thread Grass (4 lbs / acre)

3. Rice Grass (4 lbs / acre)

- c. Reclaimed areas receiving incidental disturbance during the life of the producing well will be re-contoured and reseeded as soon as practical.
- d. The Operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites, or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate County Extension Office. On BLM administered land, it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.
- e. Prior to final abandonment of the site, all disturbed areas, including the access road, will be scarified and left with a rough surface. The site will then be seeded and/or planted as prescribed by the BLM. The BLM recommended seed mix will be detailed within their approval documents.

#### 11. Surface and Mineral Ownership:

- a. Surface Ownership—Federal under the management of the Bureau of Land Management Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.
- b. Mineral Ownership Federal under the management of the Bureau of Land Management Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.

#### 12. Other Information:

- a. AIA Archaeological has conducted a Class III archeological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by AIA Archaeological.
- b. Alden Hamblin has conducted a paleontological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by Alden Hamblin.
- c. Our understanding of the results of the onsite inspection are:
  - a. No Threatened and Endangered flora and fauna species were found during the onsite inspection.
  - No drainage crossings that require additional State or Federal approval are being crossed.

- c. Low-profile production equipment will be utilized on this well even though it is outside of the ½ mile river corridor buffer.
- d. No fill material will be pushed over the edge to minimize impacts to visual resources.
- e. The project is located in an area of known wild horse populations and will likely contain standard wild horse stipulations and restrictions.
- f. A double felt liner underlay will be installed to further protect the liner from fractured bedrock.

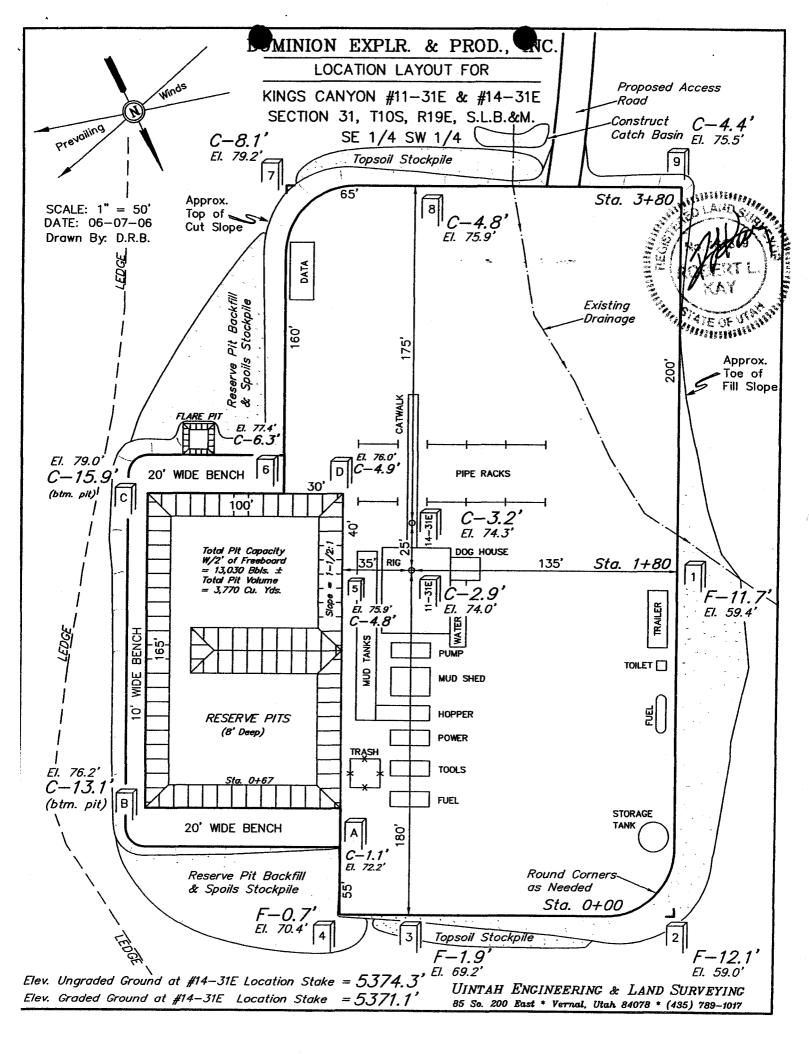
#### 13. Operator's Representative and Certification

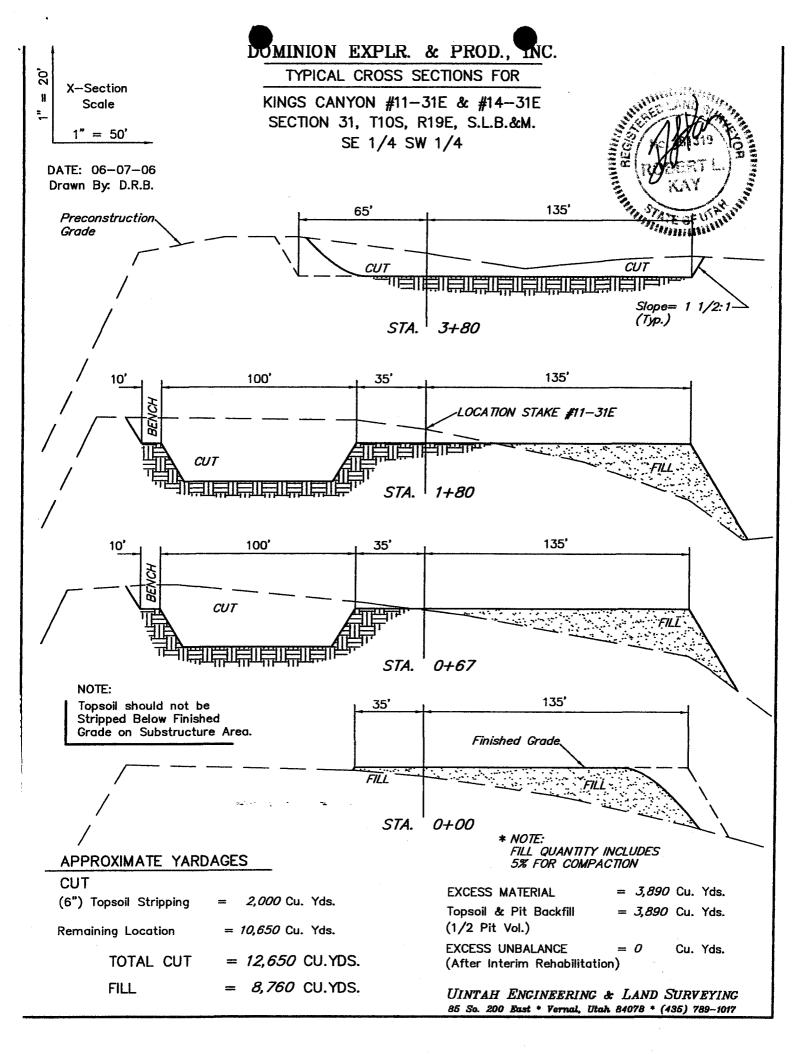
Title	Name	Office Phone
Company Representative (Roosevelt)	Ken Secrest	1-435-722-4521
Company Representative (Oklahoma)	Barbara Lester	1-405-749-5237
Agent for Dominion	Don Hamilton	1-435-637-4075

#### Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exists; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Dominion Exploration & Production, Inc. and its contractors and subcontractors in conformity with this APD package and the terms and conditions under which it is approved. I also certify responsibility for the operations conducted on that portion of the leased lands associated with this application, with bond coverage being provided under Dominion's BLM bond. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Signature:	Don	Hamilton	Date:	12-22-06
_				





## DOMINION EXPLR. & PROD., INC. KINGS CANYON #11-31E & #14-31E LOCATED IN UINTAH COUNTY, UTAH

SECTION 31, T10S, R19E, S.L.B.&M.

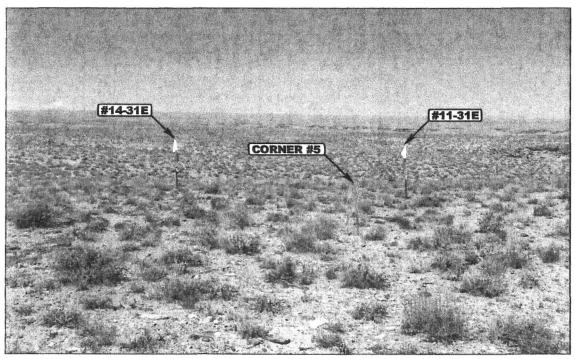


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKES

**CAMERA ANGLE: NORTHWESTERLY** 

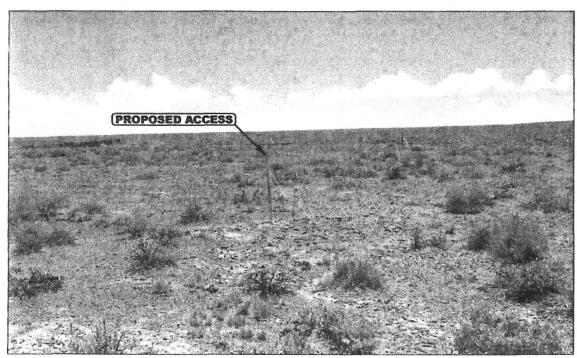


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHEASTERLY

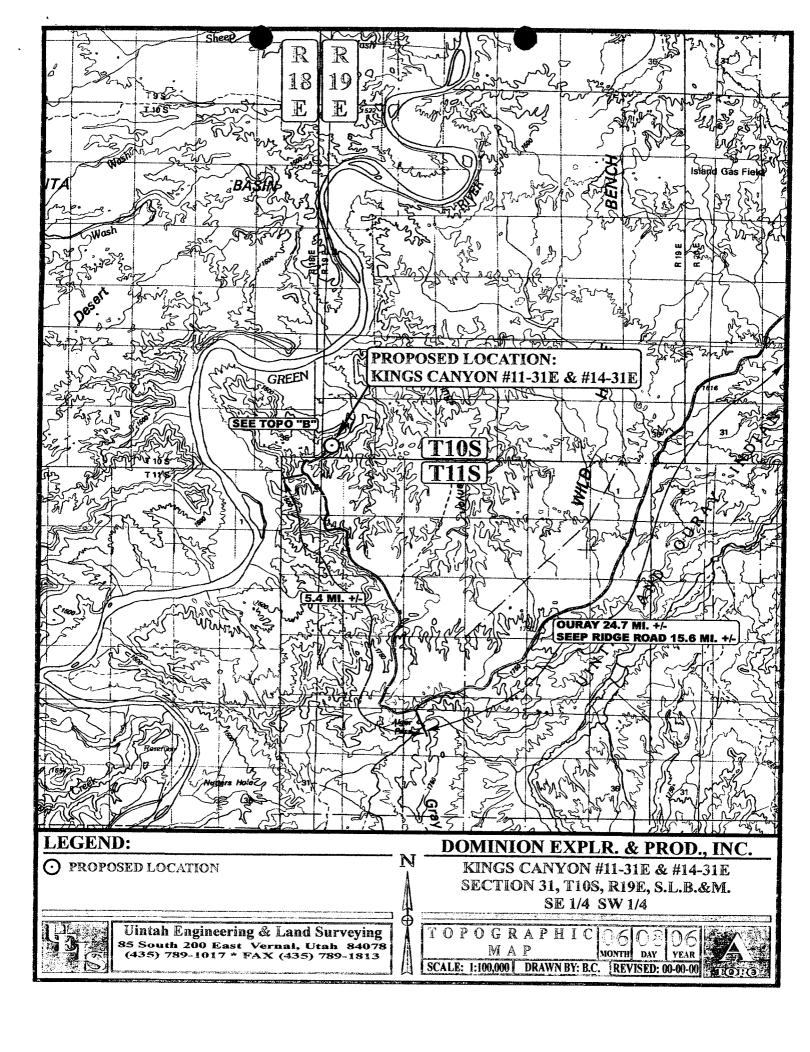


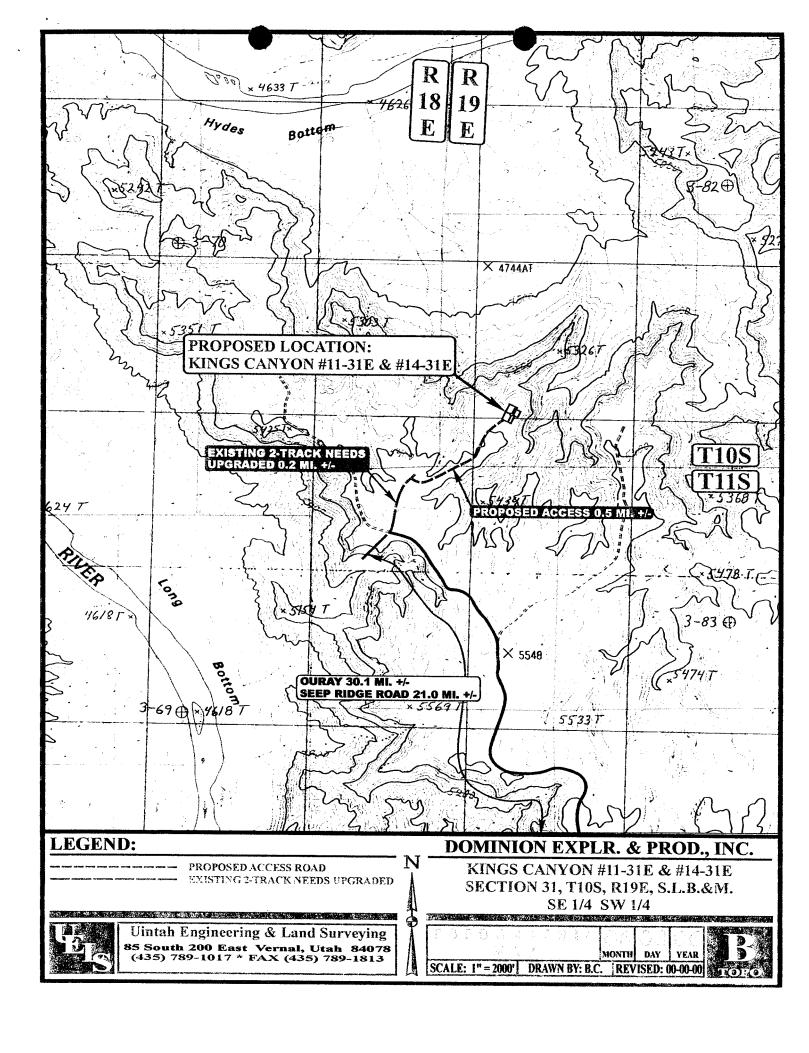
Uintah Engineering & Land Surveying 85 South 200 East Vernal, Utah 84078 435-789-1017 vels@uelsinc.com

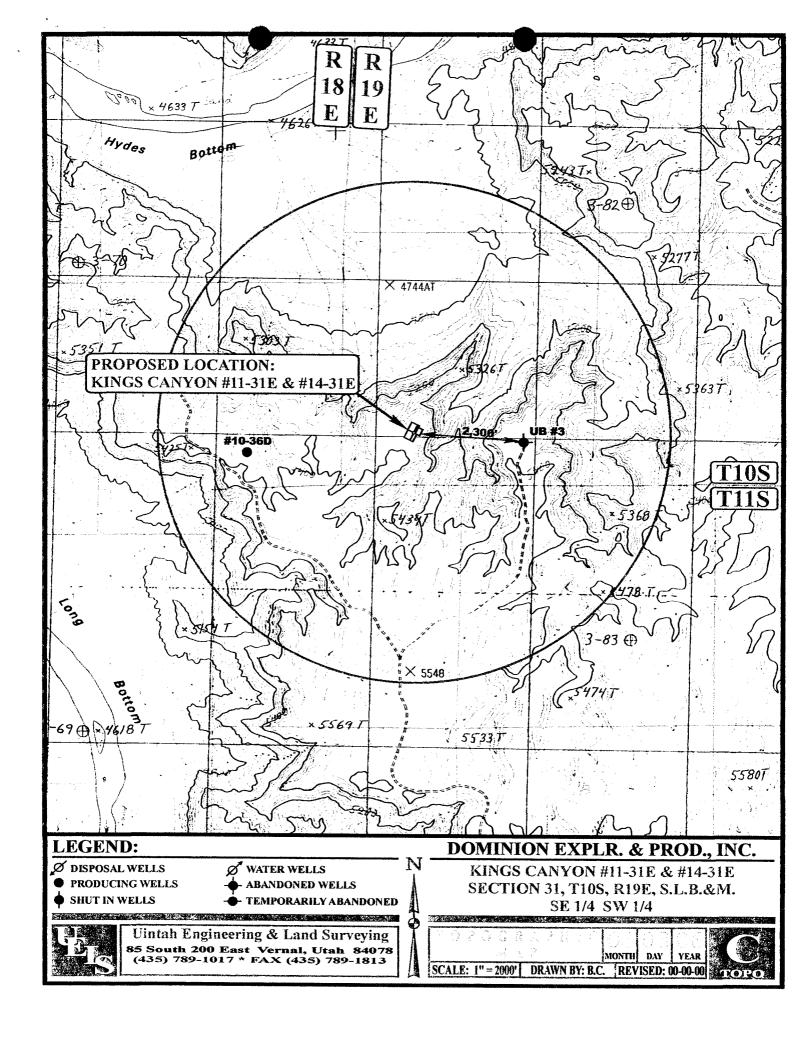
**LOCATION PHOTOS** 

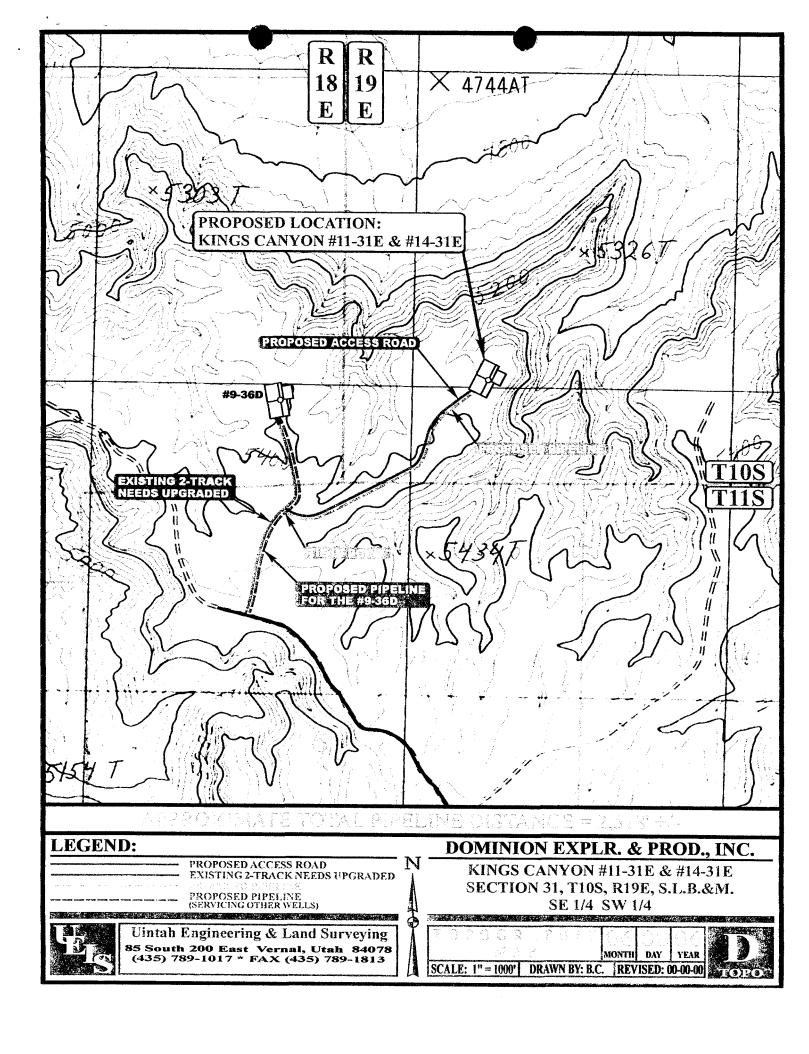
MONTH DAY

TAKEN BY: B.B. | DRAWN BY: B.C. | REVISED: 00-00-00





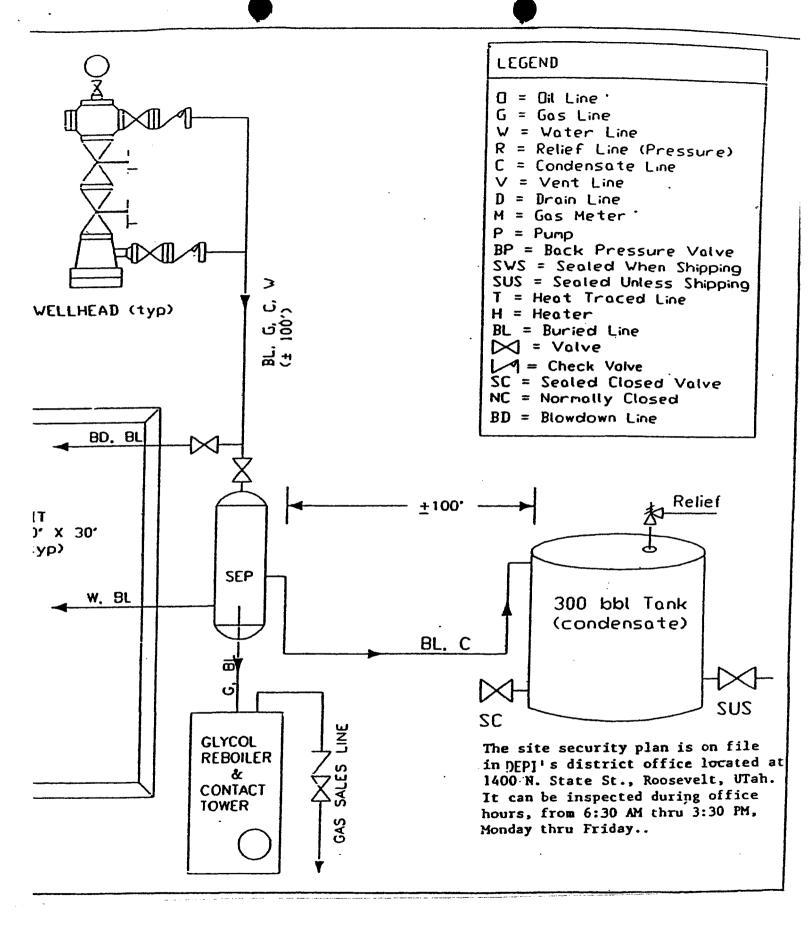


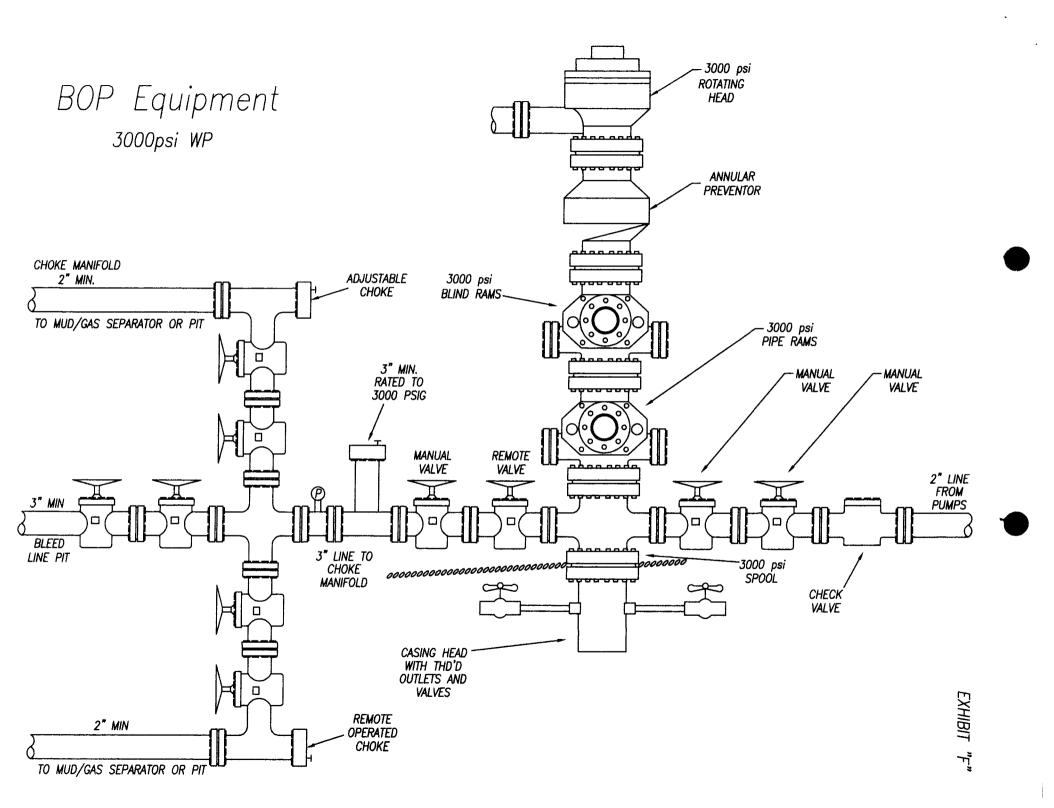


# DOMINION EXPLR. & PROD., INC. KINGS CANYON #11-31E & #14-31E SECTION 31, T10S, R19E, S.L.B.&M.

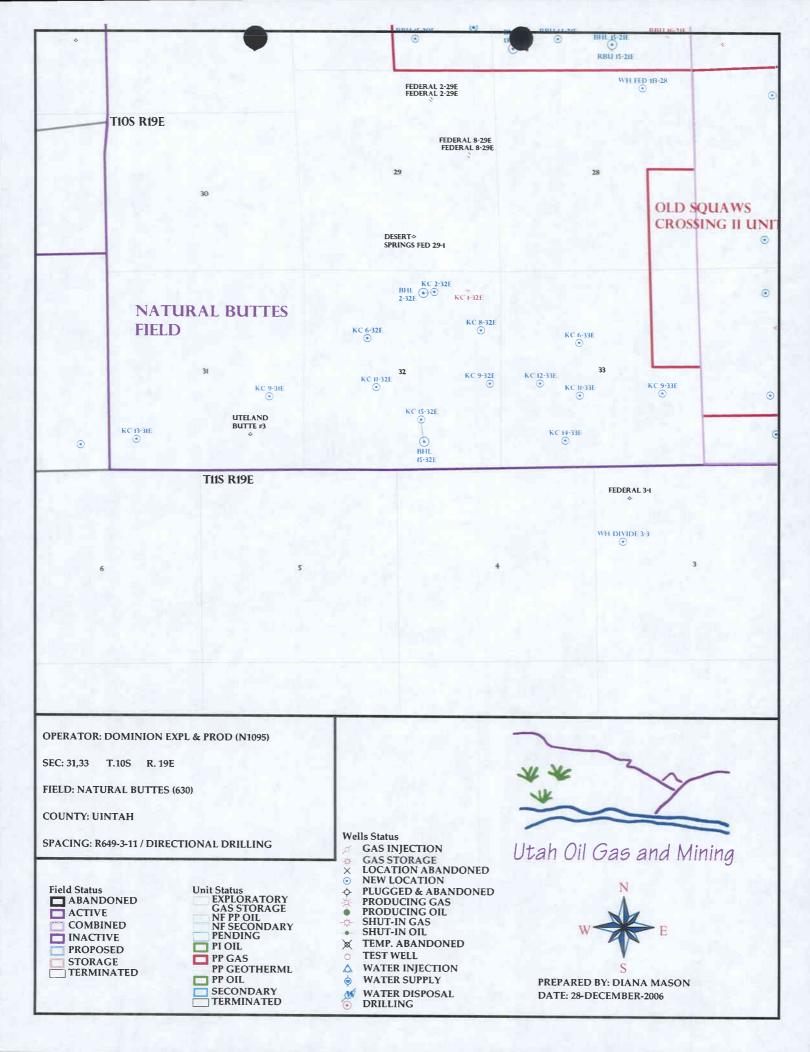
PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.1 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST: TURN RIGHT AND PROCEED IN A WESTERLY, THEN SOUTHWESTERLY APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 12.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST: TURN RIGHT AND PROCEED IN A SOUTHWESTERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 5.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING TWO-TRACK ROAD TO THE TURN RIGHT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHEAST; FOLLOW ROAD FLAGS IN A SOUTHEASTERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 61.8 MILES.





APD RECEIVED: 12/28/2006	API NO. ASSIGNED: 43-047-38948				
WELL NAME: KC 14-31E					
OPERATOR: DOMINION EXPL & PROD ( N1095 )	PHONE NUMBER: 405-749-5237				
CONTACT: DON HAMILTON					
PROPOSED LOCATION:	INSPECT LOCATN BY: / /				
SESW 31 100S 190E SURFACE: 1094 FSL 1495 FWL	Tech Review Initials Date				
BOTTOM: 0650 FSL 1900 FWL	Engineering				
COUNTY: UINTAH	Geology				
LATITUDE: 39.89926 LONGITUDE: -109.8274					
UTM SURF EASTINGS: 600247 NORTHINGS: 44170 FIELD NAME: NATURAL BUTTES (630					
LEASE TYPE: 1 - Federal  LEASE NUMBER: UTU-081719  SURFACE OWNER: 1 - Federal  RECEIVED AND/OR REVIEWED:	PROPOSED FORMATION: MVRD  COALBED METHANE WELL? NO  LOCATION AND SITING:				
	LOCATION AND SITING:				
Plat Bond: Fed[1] Ind[] Sta[] Fee[]	R649-2-3.				
(No. WY 3322 )	Unit:				
Potash (Y/N)	R649-3-2. General				
Oil Shale 190-5 (B) or 190-3 or 190-13	Siting: 460 From Qtr/Qtr & 920' Between Wells				
_ <b>√</b> Water Permit (No. 43-10447 )	R649-3-3. Exception				
RDCC Review (Y/N)	Drilling Unit				
(Date:)	Board Cause No:				
NUM Fee Surf Agreement (Y/N)	Siting:				
NUM Intent to Commingle (Y/N)	R649-3-11. Directional Drill				
COMMENTS:					
stipulations: 1- Sedent Ox 2 Spacing Sp	prova				





#### State of Utah

#### Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR. Governor

> GARY R. HERBERT Lieutenant Governor

> > December 28, 2006

Dominion Exploration & Production, Inc. 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134

Re: KC 14-31E Well, Surface Location 1094' FSL, 1495' FWL, SE SW, Sec. 31, T. 10 South, R. 19 East, Bottom Location 650' FSL, 1900' FWL, SE SW, Sec. 31, T. 10 South, R. 19 East, Uintah County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-38948.

Sincerely,

Gil Hunt

Associate Director

pab Enclosures

cc: Uintah County Assessor (via e-mail)

Bureau of Land Management, Vernal District Office

Operator:	Dominion Exploration & Production, Inc.						
Well Name & Number	KC 14-3	31E .					
API Number:	43-047-	38948					
Lease:	UTU-08	31719					
Surface Location: SE SW	Sec. 31	<b>T.</b> <u>10</u> South	<b>R.</b> 19 East				
Bottom Location: SE SW	Sec. 31	T. 10 South	<b>R.</b> 19 East				

#### **Conditions of Approval**

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dan Jarvis at (801) 538-5338

#### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.
- 6. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

## Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET

R	OUTING
1.	DJJ
2.	CDW

<b>X</b> -	Change	of On	erator	(Well	Sold
4 B	CHAHEC	$\mathbf{v}_{\mathbf{i}} \mathbf{v}_{\mathbf{b}}$	CIGUL	. ,, СП	DUIG

Operator Name Change/Merger

The operator of the well(s) listed below has change	- Portu		7/1/2007	,~^					
FROM: (Old Operator):	TO: (N	- amat = ::\	//1/200/						
, <u> </u>				TO: (New Operator):					
N1095-Dominion Exploration & Production, Inc				N2615-XTO Energy Inc 810 Houston St					
14000 Quail Springs Parkway, Suite 600						100			
Oklahoma City, OK 73134				Fort We	orth, TX 76	5102			
Phone: 1 (405) 749-1300	Phone: 1 (817)	870-2800							
CA No.				Unit:	,				
WELL NAME	SEC	TWN	RNG	API NO	ENTITY	LEASE TYPE	WELL	WELL	
					NO		TYPE	STATUS	
SEE ATTACHED LIST			· 	<u> </u>	<u> </u>				
OPERATOR CHANGES DOCUMENTA	A TT	ON							
Enter date after each listed item is completed	A I I	OI1							
1. (R649-8-10) Sundry or legal documentation wa	s rece	eived fi	rom the	FORMER one	rator on:	8/6/2007			
				_			•		
, , ,				-		8/6/2007		0161000	
3. The new company was checked on the <b>Departr</b>		oi Con	nmerce		_			8/6/2007	
4a. Is the new operator registered in the State of U		,		Business Numb	er:	5655506-0143			
4b. If NO, the operator was contacted contacted o									
5a. (R649-9-2)Waste Management Plan has been re	ceive	d on:		IN PLACE					
5b. Inspections of LA PA state/fee well sites compl	ete or	ı:		n/a					
5c. Reports current for Production/Disposition & S	undri	es on:		ok	•				
6. Federal and Indian Lease Wells: The BL	M an	d or the	e BIA h	as approved the	merger, na	me change,			
or operator change for all wells listed on Federa	al or I	ndian l	leases o	n:	BLM		BIA		
7. Federal and Indian Units:								-	
The BLM or BIA has approved the successor	of un	it oper	ator for	wells listed on:					
8. Federal and Indian Communization Ag		-							
The BLM or BIA has approved the operator f									
9. Underground Injection Control ("UIC"					oved UIC Fo	orm 5, Transfer	of Autho	ority to	
Inject, for the enhanced/secondary recovery un								•	
DATA ENTRY:	<b>F</b> ,	,		<b>.</b>	(-)			•	
1. Changes entered in the Oil and Gas Database	on:			9/27/2007					
2. Changes have been entered on the <b>Monthly Op</b>		r Cha	nge Sp		•	9/27/2007			
3. Bond information entered in RBDMS on:			<i>6</i> · · · <b>1</b>	9/27/2007					
4. Fee/State wells attached to bond in RBDMS on	:			9/27/2007	•				
5. Injection Projects to new operator in RBDMS of	n:			9/27/2007	•				
6. Receipt of Acceptance of Drilling Procedures for	or AP	D/Nev	v on:		9/27/2007				
<b>BOND VERIFICATION:</b>									
1. Federal well(s) covered by Bond Number:				UTB000138	•				
2. Indian well(s) covered by Bond Number:	n/a	•							
3a. (R649-3-1) The <b>NEW</b> operator of any state/fe	e well	l(s) list	ed cove	ered by Bond Nu	ımber	104312762			
3b. The FORMER operator has requested a release	e of li	ability	from th	neir bond on:	1/23/2008				
The Division sent response by letter on:									
LEASE INTEREST OWNER NOTIFIC	ATI	ON:							
4. (R649-2-10) The $\mathbf{NEW}$ operator of the fee wells					y a letter fro	om the Division			
of their responsibility to notify all interest owner	rs of t	his cha	inge on	:	<u>.</u>				
COMMENTS:									

STATE OF UTAH	20112052	FORM 9
DEPARTMENT OF NATURAL RES DIVISION OF OIL, GAS AND		5. LEASE DESIGNATION AND SERIAL NUMBER:
SUNDRY NOTICES AND REPOR	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below the drill horizontal laterals. Use APPLICATION FOR PERMIT TO DI	ow current bottom-hole depth, reenter plugged wells, or to RILL form for such proposals.	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL GAS WELL 🗸 OTHE	8. WELL NAME and NUMBER:	
		SEE ATTACHED
2. NAME OF OPERATOR:  XTO Energy Inc.  N3455		9. API NUMBER: SEE ATTACHED
XTO Energy Inc. /Y & V/3  3. ADDRESS OF OPERATOR: 810 Houston Street	PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:
CITY Fort Worth STATE TX	ZIP 76102 (817) 870-2800	Natural Buttes
4. LOCATION OF WELL FOOTAGES AT SURFACE: SEE ATTACHED  QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		COUNTY: Uintah STATE:
		UTAH
11. CHECK APPROPRIATE BOXES TO INDIC	CATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
NOTICE OF INTENT	DEEPEN	REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start: CASING REPAIR	NEW CONSTRUCTION	TEMPORARILY ABANDON
CHANGE TO PREVIOUS PLANS	✓ OPERATOR CHANGE	TUBING REPAIR
CHANGE TUBING	PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT CHANGE WELL NAME (Submit Original Form Only)	PLUG BACK	WATER DISPOSAL
Date of work completion:	PRODUCTION (START/RESUME)	WATER SHUT-OFF
COMMINGLE PRODUCING FORMATIC	ONS RECLAMATION OF WELL SITE	OTHER:
CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show	vall pertinent details including dates, depths, volum	es, etc.
Effective July 1, 2007, XTO Energy Inc. has purchas	sed the wells listed on the attachmen	t from:
Dominion Exploration & Production, Inc. 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134	095	
James D. Abercrombie Sr. Vice President, General Manager - Western Bus  Please be advised that XTO Energy Inc. is consider under the terms and conditions of the lease for the cis provided by Nationwide BLM Bond #104312750 a	ed to be the operator on the attached operations conducted upon the lease	lands. Bond coverage
NAME (PLEASE PRINT) Edwin S. Ryan, Jr.,  SIGNATURE Colored & Lyan, III  This space for State use only)  APPROVED 9131107	TITLE <u>Sr. Vice Presider</u> DATE <u>7/31/2007</u>	RECEIVED
TILLIO THE AND		AUG 0 6 2007

(5/2000)

Carlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

DIV. OF OIL, GAS & MINING

#### STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

#### Request to Transfer Application or Permit to Drill

(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

SEE ATTACHED LIST

Well name:	SEE ATTACHED LIST					
API number:						
Location:	on: Qtr-Qtr: Section: Township					
Company that filed original application: DOMINION E&P						
Date original permit was issued:						
Company that permit was issued to: DOMINION E&P						
Check one	Desi	red Action:				
one .						
Transfer pending (unapproved) App	olication for Pe	rmit to Drill to n	ew operator			
The undersigned as owner with legal r submitted in the pending Application for owner of the application accepts and a	or Permit to Drill	l, remains valid aı	nd does not require r	revision. The r	new n.	
√ Transfer approved Application for F	ermit to Drill t	o new operator				
The undersigned as owner with legal information as submitted in the previous revision.	rights to drill on usly approved a	the property as paper application to drill,	ermitted, hereby veri remains valid and d	fies that the oes not require	)	
Following is a checklist of some items rel	ated to the app	olication, which	should be verified.		Yes	No
If located on private land, has the ownership						1
If so, has the surface agreement been	updated?					
Have any wells been drilled in the vicinity of requirements for this location?		ell which would a	ffect the spacing or s	siting		✓
Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?						✓
Have there been any changes to the access route including ownership or right-of-way, which could affect the proposed location?						✓
Has the approved source of water for drilling	Has the approved source of water for drilling changed?					
Have there been any physical changes to the plans from what was discussed at the onsite	e surface location evaluation?	on or access route	e which will require a	change in		✓
bonding still in place, which covers this proposed well? Bond No. 104312762					1	
Any desired or necessary changes to either should be filed on a Sundry Notice, Form 9, necessary supporting information as require  Name (please brinty) HOLLY C. PERKINS  Signature	or amended Ap d.	plication for Perm	it to Drill, Form 3, as	s appropriate, v	ansfer vith	red,
Representing (company name) XTO ENERG	GY INC.					

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill. AUG 3 0 2007

(3/2004)

#### N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

api	well name	qtr_qtr	sec	twp	rng	lease num	entity	Lease	well	stat
4303930028	SKYLINE U 14-28	SESW	28	140S	<del></del>	UTU-77262	1	Federal	GW	APD
4303930029	SKYLINE U 8-7	SENE	07	150S	060E	UTU-78415		Federal	GW	APD
4304737195	KC 6-33E	SENW	33	100S	190E	UTU-49522		Federal	OW	APD
4304737196	KC 9-33E	NESE	33	100S	190E	UTU-49522		Federal	OW	APD
4304737197	KC 11-33E	NESW	33	100S	190E	UTU-49522		Federal	OW	APD
4304738075	LCU 7-9H	NWSE	09	110S	200E	UTU-76265		Federal	GW	APD
4304738689	RBU 15-8E	NENE	17	100S	190E	U-013766		Federal	GW	APD
4304738783	KC 14-33E	SESW	33	100S	190E	UTU-49522		Federal	GW	APD
4304738868	LOVE 12-20G	NWSW	20	110S	210E	UTU-076040		Federal	GW	APD
4304738889	KC 9-31E	NESE	31	100S	190E	UTU-81719		Federal	GW	APD
4304738890	KC 13-31E	SWSW	31	100S	190E	UTU-81719		Federal	GW	APD
4304738891	KC 12-33E	NWSW	33	100S	190E	UTU-49522		Federal	GW	APD
4304738948	KC 14-31E	SESW	31	100S	190E	UTU-081719		Federal	GW	APD
4304738949	KC 3-33E	NENW	33	100S	190E	UTU-49522		Federal	GW	APD
4304739051	KC 15-31E	SWSE	31	100S	190E	UTU-81719		Federal	GW	APD
4304739068	KC 7-33E	SWNE	33	100S	190E	UTU-49522		Federal	GW	APD
4304739069	KC 13-33E	SWSW	33	100S	190E	UTU-49522		Federal	GW	APD
4304739070	KC 15-33E	SWSE	33	100S	190E	UTU-49522		Federal	GW	APD
4304739415	WHB 4-5H	NWNW	05	1		UTU-39223		Federal	GW	APD
4304739416	WHB 12-5H	NWSW	05	110S	200E	UTU-39223		Federal	GW	APD
4304739417	WHB 13-5H	SWSW	05	110S	200E	UTU-39223		Federal	GW	APD
4304739440	WHB 4-8H	NWNW	08	110S	200E	UTU-39223		Federal	GW	APD
4304739441	WHB 5-5H	NWNW	05	110S	200E	UTU-39223		Federal	GW	APD
			l							
4304738262	KINGS CYN 9-32E	NESE	32			ML-047059	1	State	GW	APD
4304738342	LCU 12-12H	NWSW	12		200E			Fee	GW	APD
4304738378	KINGS CYN 11-32E	NESW	32			ML-047059		State	GW	APD
4304738690	KINGS CYN 11-36D	NESW	36	100S		ML-47058	ļ	State	GW	NEW
4304738779	KC 5-36D	SWNW	36	100S	1	ML-47058		State	GW	APD
4304738781	KC 6-32E	SENW	32	100S		ML-47059	<u> </u>	State	GW	APD
4304738782	KC 15-32E	NWSE	32	100S		ML-047059		State	GW	APD
4304738786	AP 11-2J	NESW	02	110S		ML-36213		State	GW	APD
4304738787	AP 13-2J	SWSW	02			ML-36213		State	GW	APD
4304738950	KC 13-32E	SESW	32			ML-047059		State	GW	APD
4304739218	KC 14-32E	SESW	32	100S		ML-047059		State	GW	APD
4304739219	KC 16-32E	SESE	32	100S		ML-047059		State	GW	APD
4304739222	LCU 14-12H	SESW	12		200E			Fee	GW	APD
4304739315	AP 12-2J	NWSW	02	110S	190E	ML-36213		State	GW	NEW

09/27/2007

#### STATE OF UTAH

•		FORM 9  5. LEASE DESIGNATION AND SERIAL NUMBER:		
SUNDRY NOTICES AND REPORTS ON WELLS			6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
Do not use this form for proposa's to drill ne drill ne recental lat	7. UNIT OF CA AGREEMENT NAME. Undesignated  8. WELL NAME and NUMBER. KC 14-31E			
2 NAME OF OPERATOR:  XTO Energy, Inc. 3 ADDRESS OF OPERATOR		PHONE NUMBER:	9 API NUMBER: 4304738948 10. FIELD AND POOL, OR WILDCAT:	
P.O. Box 1360	Roosevelt CO 84066	(435) 722-4521	Undesignated	
4. LCCATION OF WELL FROTAGES AT SURFACE: 1,094'  QTR/QTR, SECTION, TOWNSHIP, RANG			COUNTY: Uintah STATE: UTAH	
11 CHECK APPR	OPRIATE BOXES TO INDICATE NATURE (	OF NOTICE, REPO	RT, OR OTHER DATA	
TYPE OF SUBMISSION	TY	PE OF ACTION		
NOTICE OF INTENT (Submit in Duplicate)	ACIDIZE DEEPEN ALTER CASING FRACTURE	TREAT	REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL	
Approximate date work will start:	CASING REPAIR NEW CONST		TEMPORARILY ABANDON TUBING REPAIR	
SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:		N (START/RESUME)	VENT OR FLARE WATER DISPOSAL WATER SHUT-OFF	
	] [	ON OF WELL SITE	✓ other Permit Extension	
DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  XTO Energy, Inc. hereby requests a one year extension of the state permit for the referenced well.				
This is the first extension t	hat has been requested.			
	Utah D	ved by the Division of and Mining		

NAME (PLEASE PRINT)	Marnie Griffin	TITLE	Agent for XTO Energy, Inc.
SIGNATURE	m	DATE	11/28/2007

(This space for State use only)

1 TYPE OF WELL

11

V



## Application for Permit to Drill Request for Permit Extension Validation

Validation
(this form should accompany the Sundry Notice requesting permit extension)

API: 4304738948  Well Name: KC 14-31E  Location: 1,094' FSL & 1,495' FWL  Company Permit Issued to: XTO Energy, Inc.  Date Original Permit Issued: 12/28/2006			
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.			
Following is a checklist of some items related to the application, which should be verified.			
If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☑			
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes☐ No☑			
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□No☑			
Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☑			
Has the approved source of water for drilling changed? Yes□No☑			
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑			
Is bonding still in place, which covers this proposed well? Yes ☑No□			
11/28/2007			
Signature Date			
Title: Agent			
Representing: XTO Energy, Inc.			

#### STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES				
DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-81719			
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A			
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT or CA AGREEMENT NAME: Undesignated			
1. TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER: KC 14-31E			
2. NAME OF OPERATOR:	9. API NUMBER:			
XTO Energy, Inc. 3. ADDRESS OF OPERATOR: PHONE NUMBER:	4304738948  10. FIELD AND POOL, OR WILDCAT:			
P.O. Box 1360 CITY Roosevelt STATE UT ZIP 84066 (435) 722-4521	Undesignated			
FOOTAGES AT SURFACE: 1,094' FSL & 1,495' FWL	соинту: Uintah			
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 31 10S 19E S	STATE:  UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	ORT, OR OTHER DATA			
TYPE OF SUBMISSION TYPE OF ACTION  ACIDIZE DEEPEN	REPERFORATE CURRENT FORMATION			
NOTICE OF INTENT (Submit in Duplicate)  ALTER CASING  FRACTURE TREAT	SIDETRACK TO REPAIR WELL			
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON			
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR			
CHANGE TUBING PLUG AND ABANDON  SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK	VENT OR FLARE			
SUBSEQUENT REPORT (Submit Original Form Only)  CHANGE WELL NAME PLUG BACK  PRODUCTION (START/RESUME)	WATER DISPOSAL  WATER SHUT-OFF			
Date of work completion:  COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	OTHER: Permit Extension			
CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION				
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.				
XTO Energy, Inc. hereby requests a one year extension of the state permit for the reference	ed well.			
This is the second extension that has been requested.				
Approved by the				
Litab Division O	) FOR INFE			
Oil, Gas and Mining	D) ECEIVE N			
	DEC _ 1 2008			
Date: 12-01-01	U <b>DEC</b> - 1 2008			
RWIN				
By:	DIV OF OIL, GAS & MINING			
$\mathcal{M}$				
NAME (PLEASE PRINT) Kendell Johnson TITLE Agent for XTO E	Energy, Inc.			
SIGNATURE HINDLE DATE 11/14/2008				
(This space for State use only)	OPY SENT TO OPERATOR			
	oto: 17. A. 2009			

Date: 12 · 4 · 2008
Initials: 4

# Application for Permit to Drill Request for Permit Extension Validation (this form should accompany the Sundry Notice requesting permit extension)

	4304738948				
Well Name: Location:	KC 14-31E 1,094' FSL & 1,495'	' FWL, SE SW Sec. 31, 10S-19E			
	mit Issued to:				
Date Original	Permit Issued:	12/28/2006			
above, hereby	The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.				
Following is a verified.	checklist of some	e items related to the applic	ation, which should be		
•	rivate land, has t en updated? Yes	he ownership changed, if s □No☑	o, has the surface		
•		the vicinity of the proposed ints for this location? Yes⊟			
	Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□No☑				
Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☑					
Has the approv	ved source of wa	ater for drilling changed? Ye	es□No⊠		
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑					
Is bonding still	Is bonding still in place, which covers this proposed well? Yes ☑No ☐				
Kende	Wehnsor	<u>11.</u>	/14/2008		
Signature			Date		
Title: Kendell J	ohnson				
Representing:	XTO Energy, Inc.				

STATE OF UTAH  DEPARTMENT OF NATURAL RESOURCES  DIVISION OF OIL, GAS, AND MINING			FORM 9
		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-081719	
SUNDRY NOTICES AND REPORTS ON WELLS			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepen e ugged wells, or to drill horizontal laterals. Us		7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: KC 14-31E
2. NAME OF OPERATOR: XTO ENERGY INC			9. API NUMBER: 43047389480000
3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 8	7410 505 333-3159 Ext	PHONE NUMBER:	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1094 FSL 1495 FWL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SESW Section: 31	IP, RANGE, MERIDIAN: Township: 10.0S Range: 19.0E Meridian: S		STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
✓ NOTICE OF INTENT	☐ ACIDIZE [	ALTER CASING	☐ CASING REPAIR
Approximate date work will start: 10/30/2010	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
	☐ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS     FRACTURE TREAT	☐ CONVERT WELL TYPE ☐ NEW CONSTRUCTION
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN  OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	☐ TUBING REPAIR [	VENT OR FLARE	WATER DISPOSAL
☐ DRILLING REPORT	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	✓ APD EXTENSION
Report Date:	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
	OMPLETED OPERATIONS. Clearly show all perti		olumes, etc.
XTO hereby reque	ests a one year extension on th refernced well.	e State Permit for the	Approved by the
	referriced well.		Utah Division of
			Oil, Gas and Mining
		n	<b>ate:</b> October 28, 2009
			V 00 cut 110
		В	y: Dody Lll
			7/3
NAME (DI EACE DOINT)	DUONE NIIMPED	TITLE	
NAME (PLEASE PRINT) Eden Fine	<b>PHONE NUMBER</b> 505 333-3664	Permitting Clerk	
SIGNATURE N/A		DATE 10/27/2009	



#### The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

### Request for Permit Extension Validation Well Number 43047389480000

**API:** 43047389480000

Well Name: KC 14-31E

Location: 1094 FSL 1495 FWL QTR SESW SEC 31 TWNP 100S RNG 190E MER S

**Company Permit Issued to:** XTO ENERGY INC **Date Original Permit Issued:** 12/28/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not

require revi	sion. Following is a	checklist of	some items re	ated to the	application	, which should be verifie	d.
	ated on private land ed? 📗 Yes 🌘 I		nership chang	ed, if so, ha	s the surfac	e agreement been	
	any wells been dril requirements for t				which woul	d affect the spacing or	
	nere been any unit s proposed well? (			place that o	could affect	the permitting or operat	tio
	there been any cha the proposed locat			cluding owr	nership, or r	ightof- way, which could	i
• Has tl	ne approved source	of water for	drilling chang	ed? 🕘 Ye	es 📵 No		
	there been any phy je in plans from wh					ute which will require a es 📵 No	
• Is bo	nding still in place,	which covers	s this proposed	well? 📵		Approved by the Otah Division of Oil, Gas and Mining	
Signature:	Eden Fine	Date:	10/27/2009				
Title:	Permitting Clerk <b>Re</b>	presenting:	XTO ENERGY IN	2	Date	October 28, 2009	
	j				)	Old to on d	

By: Doll

STATE OF UTAH		FORM 9			
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING			5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-081719		
SUNDRY NOTICES AND REPORTS ON WELLS			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
	sals to drill new wells, significantly deepen igged wells, or to drill horizontal laterals. U		7.UNIT or CA AGREEMENT NAME:		
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: KC 14-31E		
2. NAME OF OPERATOR: XTO ENERGY INC			9. API NUMBER: 43047389480000		
3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 8		NE NUMBER:	9. FIELD and POOL or WILDCAT: NATURAL BUTTES		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1094 FSL 1495 FWL			COUNTY: UINTAH		
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SESW Section: 31	P, RANGE, MERIDIAN: Township: 10.0S Range: 19.0E Meridian:	S	STATE: UTAH		
11. CHE	CK APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPORT	, OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
	ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR		
NOTICE OF INTENT Approximate date work will start: 12/9/2011	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME		
	☐ CHANGE WELL STATUS	$\ \square$ commingle producing formations	☐ CONVERT WELL TYPE		
SUBSEQUENT REPORT	DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION		
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK		
	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION		
SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON		
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL		
☐ DRILLING REPORT	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION		
Report Date:	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:		
	equests a one (1) year extensi referenced well.	on of the State APD for th			
NAME (PLEASE PRINT) Krista Wilson	<b>PHONE NUMBER</b> 505 333-3647	TITLE Permitting Tech			
SIGNATURE		DATE 12/9/2010			



Sig

#### The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

# Request for Permit Extension Validation Well Number 43047389480000

**API:** 43047389480000

Well Name: KC 14-31E

Location: 1094 FSL 1495 FWL QTR SESW SEC 31 TWNP 100S RNG 190E MER S

Company Permit Issued to: XTO ENERGY INC Date Original Permit Issued: 12/28/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

• If loca	•	ownership changed, if so, has th	ne surface agreement been
	any wells been drilled in the requirements for this location	vicinity of the proposed well whon?  Yes  No	ich would affect the spacing or
	nere been any unit or other a s proposed well? 🔵 Yes 運		ld affect the permitting or operation
• Have t	there been any changes to the proposed location?	ne access route including owners Yes	ship, or rightof- way, which could
• Has th	ne approved source of water	for drilling changed? 🔵 Yes 🌘	No
		nges to the surface location or accessed at the onsite evaluation?	
• Is bor	nding still in place, which cov	vers this proposed well? 🌘 Yes	Approved by the No Utah Division of Oil, Gas and Mining
		<b>:</b> 12/9/2010	12/13/2010
Title:	Permitting Tech Representing	: XTO ENERGY INC	Date: 12/13/2010
			By: 6.00.41

	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES		FORM 9
	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-081719		
SUNDRY NOTICES AND REPORTS ON WELLS			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepen ex igged wells, or to drill horizontal laterals. Use		7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: KC 14-31E
2. NAME OF OPERATOR: XTO ENERGY INC			9. API NUMBER: 43047389480000
3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 8		NUMBER:	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1094 FSL 1495 FWL QTR/QTR, SECTION, TOWNSHI	D DANCE MEDIDIAN.		COUNTY: UINTAH
	Township: 10.0S Range: 19.0E Meridian: S		STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	☐ ACIDIZE ☐	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start: 12/6/2012	☐ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	☐ CHANGE WELL NAME
	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION
Date of Work Completion.	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	VENT OR FLARE	☐ WATER DISPOSAL
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	✓ APD EXTENSION
керогт Date:	☐ WILDCAT WELL DETERMINATION ☐	OTHER	OTHER:
	equests a one (1) year extensio referenced well.	n of the State APD for th	
NAME (PLEASE PRINT) Krista Wilson	<b>PHONE NUMBER</b> 505 333-3647	TITLE Permitting Tech	
SIGNATURE N/A		DATE 12/6/2011	



#### The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

#### Request for Permit Extension Validation Well Number 43047389480000

**API:** 43047389480000

Well Name: KC 14-31E

Location: 1094 FSL 1495 FWL QTR SESW SEC 31 TWNP 100S RNG 190E MER S

Company Permit Issued to: XTO ENERGY INC Date Original Permit Issued: 12/28/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

<ul> <li>If located on private land, has the ownership changed, if so, has the surface agreement been updated?  Yes  No</li> </ul>
<ul> <li>Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?</li> <li>Yes</li> <li>No</li> </ul>
<ul> <li>Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?</li> <li>Yes </li> <li>No</li> </ul>
<ul> <li>Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?</li> <li>Yes </li> <li>No</li> </ul>
• Has the approved source of water for drilling changed? 🔘 Yes 📵 No
<ul> <li>Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?</li> <li>Yes</li> <li>No</li> </ul>
• Is bonding still in place, which covers this proposed well?   Yes   No

**Signature:** Krista Wilson **Date:** 12/6/2011

Title: Permitting Tech Representing: XTO ENERGY INC

	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES		FORM 9
	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-081719		
SUNDRY NOTICES AND REPORTS ON WELLS			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepen ex igged wells, or to drill horizontal laterals. Use		7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: KC 14-31E
2. NAME OF OPERATOR: XTO ENERGY INC			9. API NUMBER: 43047389480000
3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 8		NUMBER:	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1094 FSL 1495 FWL QTR/QTR, SECTION, TOWNSHI	D DANCE MEDIDIAN.		COUNTY: UINTAH
	Township: 10.0S Range: 19.0E Meridian: S		STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	☐ ACIDIZE ☐	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start: 12/6/2012	☐ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	☐ CHANGE WELL NAME
	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION
Date of Work Completion.	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	VENT OR FLARE	☐ WATER DISPOSAL
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	✓ APD EXTENSION
керогт Date:	☐ WILDCAT WELL DETERMINATION ☐	OTHER	OTHER:
	equests a one (1) year extensio referenced well.	n of the State APD for th	
NAME (PLEASE PRINT) Krista Wilson	<b>PHONE NUMBER</b> 505 333-3647	TITLE Permitting Tech	
SIGNATURE N/A		DATE 12/6/2011	



#### The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

#### Request for Permit Extension Validation Well Number 43047389480000

**API:** 43047389480000

Well Name: KC 14-31E

Location: 1094 FSL 1495 FWL QTR SESW SEC 31 TWNP 100S RNG 190E MER S

Company Permit Issued to: XTO ENERGY INC Date Original Permit Issued: 12/28/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

<ul> <li>If located on private land, has the ownership changed, if so, has the surface agreement been updated?  Yes  No</li> </ul>
<ul> <li>Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?</li> <li>Yes</li> <li>No</li> </ul>
<ul> <li>Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?</li> <li>Yes </li> <li>No</li> </ul>
<ul> <li>Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?</li> <li>Yes </li> <li>No</li> </ul>
• Has the approved source of water for drilling changed? 🔘 Yes 📵 No
<ul> <li>Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?</li> <li>Yes</li> <li>No</li> </ul>
• Is bonding still in place, which covers this proposed well?   Yes   No

**Signature:** Krista Wilson **Date:** 12/6/2011

Title: Permitting Tech Representing: XTO ENERGY INC

	STATE OF UTAH	050			FORM 9
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MI		5		E DESIGNATION AND SERIAL NUMBER: 81719
SUNDF	RY NOTICES AND REPORTS	5 ON	WELLS	6. IF IN	IDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepe igged wells, or to drill horizontal laterals.			7.UNIT	or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well				<b>8. WEL</b> KC 14	L NAME and NUMBER: -31E
2. NAME OF OPERATOR: XTO ENERGY INC					NUMBER: 389480000
3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 8			JMBER:		<b>D and POOL or WILDCAT:</b> RAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1094 FSL 1495 FWL				<b>COUNT</b> UINTA	
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SESW Section: 31	P, RANGE, MERIDIAN: Township: 10.0S Range: 19.0E Meridian	: S		STATE: UTAH	
11. CHE	CK APPROPRIATE BOXES TO INDICA	ATE NA	ATURE OF NOTICE, REPORT,	OR OTI	HER DATA
TYPE OF SUBMISSION			TYPE OF ACTION		
_	ACIDIZE	<i>,</i>	ALTER CASING		CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	□ (	CHANGE TUBING		CHANGE WELL NAME
12/6/2012	☐ CHANGE WELL STATUS	□ (	COMMINGLE PRODUCING FORMATIONS		CONVERT WELL TYPE
SUBSEQUENT REPORT	☐ DEEPEN	□ F	RACTURE TREAT		NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE	☐ F	PLUG AND ABANDON		PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ F	RECLAMATION OF WELL SITE		RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	□ s	SIDETRACK TO REPAIR WELL		TEMPORARY ABANDON
	☐ TUBING REPAIR	□ 、	/ENT OR FLARE		WATER DISPOSAL
DRILLING REPORT	☐ WATER SHUTOFF	□ s	51 TA STATUS EXTENSION	1	APD EXTENSION
Report Date:	□ WILDCAT WELL DETERMINATION		OTHER	отн	ER:
12 DESCRIPE PROPOSED OR CO	DMPLETED OPERATIONS. Clearly show all pe				<u></u>
	equests a one (1) year extensions referenced well.			-	etc.
	referenced well.				pproved by the
					Jtah Division of
				Oil	, Gas and Mining
			D	ate:	12/08/2011
			_	1	Oli lis on
			В	<b>λ</b> : 🕡	rde Hill
					<i>y</i>
NAME (PLEASE PRINT)	PHONE NUMBER	2	TITLE		
Krista Wilson	505 333-3647	`	Permitting Tech		
SIGNATURE N/A		$\neg$	DATE 12/6/2011		



#### The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

#### Request for Permit Extension Validation Well Number 43047389480000

**API:** 43047389480000

Well Name: KC 14-31E

Location: 1094 FSL 1495 FWL QTR SESW SEC 31 TWNP 100S RNG 190E MER S

Company Permit Issued to: XTO ENERGY INC Date Original Permit Issued: 12/28/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

<ul> <li>If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No</li> </ul>
<ul> <li>Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?</li> <li>Yes</li> <li>No</li> </ul>
<ul> <li>Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?</li> <li>Yes</li> <li>No</li> </ul>
<ul> <li>Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?</li> <li>Yes</li> <li>No</li> </ul>
• Has the approved source of water for drilling changed? 🔘 Yes 📵 No
<ul> <li>Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?</li> <li>Yes</li> <li>No</li> </ul>
• Is bonding still in place, which covers this proposed well?   Yes   No

Signature: Krista Wilson Date: 12/6/2011

Title: Permitting Tech Representing: XTO ENERGY INC

Sundry Number: 33132 API Well Number: 43047389480000

	STATE OF UTAH		FORM 9		
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING			5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-081719		
SUNDR	RY NOTICES AND REPORTS (	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
	oposals to drill new wells, significantly or reenter plugged wells, or to drill horizon n for such proposals.		7.UNIT or CA AGREEMENT NAME:		
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: KC 14-31E		
2. NAME OF OPERATOR: XTO ENERGY INC			9. API NUMBER: 43047389480000		
3. ADDRESS OF OPERATOR: PO Box 6501, Englewood,	CO, 80155 303 397-3	PHONE NUMBER: 727 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1094 FSL 1495 FWL			COUNTY: UINTAH		
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 31 Township: 10.0S Range: 19.0E Meridi	an: S	STATE: UTAH		
11. CHEC	K APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPOR	RT, OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
	ACIDIZE	ALTER CASING	CASING REPAIR		
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME		
11/30/2013	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE		
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	New construction		
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK		
	_				
SPUD REPORT Date of Spud:	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION		
Date of Spau.	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON		
	L TUBING REPAIR		WATER DISPOSAL		
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	✓ APD EXTENSION		
	WILDCAT WELL DETERMINATION	OTHER	OTHER:		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  XTO Energy requests a one (1) year extension of the State APD for the referenced well.  Approved by the Utah Division of Oil, Gas and Mining  Date: December 18, 2012  By:					
NAME (PLEASE PRINT) Richard L. Redus	<b>PHONE NUMB</b> I 303 397-3712	ER TITLE Regulatory			
SIGNATURE N/A		<b>DATE</b> 12/17/2012			

Sundry Number: 33132 API Well Number: 43047389480000



#### The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

#### Request for Permit Extension Validation Well Number 43047389480000

**API**: 43047389480000

Title: Regulatory Representing: XTO ENERGY INC

Well Name: KC 14-31E

Location: 1094 FSL 1495 FWL QTR SESW SEC 31 TWNP 100S RNG 190E MER S

Company Permit Issued to: XTO ENERGY INC Date Original Permit Issued: 12/28/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

• If located on private land, has the ownership changed, if so, has the surface agreement been updated?  Yes  No
<ul> <li>Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?</li> <li>Yes</li> <li>No</li> </ul>
• Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?  Yes No
• Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?  Yes No
• Has the approved source of water for drilling changed?   Yes  No
<ul> <li>Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?</li> <li>Yes</li> <li>No</li> </ul>
• Is bonding still in place, which covers this proposed well?   Yes   No
nature: Richard I Redus Date: 12/17/2012

Sundry Number: 45283 API Well Number: 43047389480000

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-081719
SUNDR	Y NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for pro current bottom-hole depth, I FOR PERMIT TO DRILL form	posals to drill new wells, significantly or reenter plugged wells, or to drill horizor n for such proposals.	deepen existing wells below ntal laterals. Use APPLICATION	7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: KC 14-31E
2. NAME OF OPERATOR: XTO ENERGY INC			<b>9. API NUMBER:</b> 43047389480000
3. ADDRESS OF OPERATOR: PO Box 6501 , Englewood,	CO, 80155 303 397-3	PHONE NUMBER: 727 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1094 FSL 1495 FWL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 31 Township: 10.0S Range: 19.0E Meridi	an: S	STATE: UTAH
11. CHECI	K APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
l .	CHANGE TO PREVIOUS PLANS CHANGE WELL STATUS DEEPEN OPERATOR CHANGE PRODUCTION START OR RESUME REPERFORATE CURRENT FORMATION TUBING REPAIR WATER SHUTOFF WILDCAT WELL DETERMINATION  COMPLETED OPERATIONS. Clearly show a sits a one (1) year extension or referenced well.		CASING REPAIR  CHANGE WELL NAME  CONVERT WELL TYPE  NEW CONSTRUCTION  PLUG BACK  RECOMPLETE DIFFERENT FORMATION  TEMPORARY ABANDON  WATER DISPOSAL  ✓ APD EXTENSION  OTHER:  Depths, volumes, etc.  Approved by the Utah Division of Oil, Gas and Mining  Date: November 26, 2013  By:
NAME (PLEASE PRINT) Sephra Baca	PHONE NUMBI		
SIGNATURE N/A	719 845-2103	DATE 11/25/2013	

Sundry Number: 45283 API Well Number: 43047389480000



#### The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

#### Request for Permit Extension Validation Well Number 43047389480000

**API:** 43047389480000

Well Name: KC 14-31E

Location: 1094 FSL 1495 FWL QTR SESW SEC 31 TWNP 100S RNG 190E MER S

Company Permit Issued to: XTO ENERGY INC Date Original Permit Issued: 12/28/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

owing to a checking of some femical to the approacher, which checks so verified.
• If located on private land, has the ownership changed, if so, has the surface agreement been updated?  Yes  No
<ul> <li>Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?</li> <li>Yes</li> <li>No</li> </ul>
• Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No
• Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?  Yes  No
• Has the approved source of water for drilling changed?   Yes  No
<ul> <li>Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?</li> <li>Yes</li> <li>No</li> </ul>
• Is bonding still in place, which covers this proposed well?   Yes   No

Signature: Sephra Baca Date: 11/25/2013
Title: Regulatory Analyst Representing: XTO ENERGY INC



# **United States Department of the Interior**

BUREAU OF LAND MANAGEMENT
Green River District
Vernal Field Office
170 South 500 East
Vernal, UT 84078
http://www.blm.gov/ut/st/en/fo/vernal.html



MAR 28 2014

IN REPLY REFER TO: 3160 (UTG011)

Rick Redus XTO Energy, Inc. PO Box 6501 Englewood, CO 80155

43 047 38948

Re: Request to Return APD
Well No. KC 14-31E
SESW, Sec. 31, T10S, R19E
Uintah County, Utah
Lease No. UTU-81719

Dear Mr. Redus:

The Application for Permit to Drill (APD) for the above referenced well received in this office on December 26, 2006, is being returned unapproved per a request to this office in an email message to Realty Specialist Katie White Bull received on March 17, 2014 from Kelly Kardos. If you intend to drill at this location at a future date, a new APD must be submitted.

If you have any questions regarding APD processing, please contact Robin R. Hansen at (435) 781-3428.

Sincerely,

/s/ Jerry Kenczka

Jerry Kenczka Assistant Field Manager Lands & Resource Minerals

**Enclosures** 

CC:

**UDOGM** 

bcc:

Well File

RECEIVED

APR 18 2014

DIV. OF OIL, GAS & MINING

Sundry Number: 57658 API Well Number: 43047389480000

			FORM 9		
	STATE OF UTAH		I SKIII S		
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-081719		
SUNDF	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
Do not use this form for pro current bottom-hole depth, FOR PERMIT TO DRILL form	oposals to drill new wells, significantly reenter plugged wells, or to drill horizon for such proposals.	deepen existing wells below ntal laterals. Use APPLICATION	7.UNIT or CA AGREEMENT NAME:		
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: KC 14-31E		
2. NAME OF OPERATOR: XTO ENERGY INC			9. API NUMBER: 43047389480000		
3. ADDRESS OF OPERATOR: PO Box 6501 , Englewood,	CO, 80155 303 397-3	PHONE NUMBER: 727 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1094 FSL 1495 FWL			COUNTY: UINTAH		
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 31 Township: 10.0S Range: 19.0E Merid	ian: S	STATE: UTAH		
11. CHEC	K APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPOI	RT, OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
	ACIDIZE	ALTER CASING	CASING REPAIR		
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME		
11/30/2015	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE		
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION		
	OPERATOR CHANGE	PLUG AND ABANDON	L PLUG BACK		
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION		
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON		
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL		
DRILLING REPORT	WATER SHUTOFF	SI TA STATUS EXTENSION	✓ APD EXTENSION		
Report Date:	WILDCAT WELL DETERMINATION	OTHER	OTHER:		
12 DESCRIBE PROPOSED OR	COMPLETED OPERATIONS. Clearly show a	all portinent details including dates	,		
I .	sts a one (1) year extension of		Approved by the		
7.10 Energy reques	referenced well.	in the etate in B for the	UNtervernible to 10 of 2014		
			Oil, Gas and Mining		
			Date:		
			00 m 2		
			By:		
			-		
NAME (PLEASE PRINT) Malia Villers	<b>PHONE NUMB</b> 303 397-3670	ER TITLE Lead Permitting Analyst			
SIGNATURE N/A		<b>DATE</b> 11/7/2014			

Sundry Number: 57658 API Well Number: 43047389480000



#### The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

#### Request for Permit Extension Validation Well Number 43047389480000

**API:** 43047389480000

Title: Lead Permitting Analyst Representing: XTO ENERGY INC

Well Name: KC 14-31E

Location: 1094 FSL 1495 FWL QTR SESW SEC 31 TWNP 100S RNG 190E MER S

Company Permit Issued to: XTO ENERGY INC Date Original Permit Issued: 12/28/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

•		• •	
• If loca Yes		wnership changed, if so, ha	as the surface agreement been updated? 🔘
	any wells been drilled in the vertice to the vertice of this location?		ll which would affect the spacing or siting
	here been any unit or other ag osed well? 🤵 Yes 🍺 No	reements put in place that	could affect the permitting or operation of thi
	there been any changes to the seed location? ( Yes (		vnership, or rightof- way, which could affect th
• Has ti	he approved source of water fo	or drilling changed? 🔘 🕦	Yes 📵 No
	there been any physical chang from what was discussed at t		or access route which will require a change in Yes
• Is bor	nding still in place, which cove	ers this proposed well? 🌘	Yes 🔘 No
Signature:	Malia Villers	Date: 11/7/2014	





SPENCER J. COX

# State of Utah

#### DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

December 10, 2015

Lieutenant Governor

Malia Vill

Malia Villers XTO Energy Inc. P.O. BOX 6501 Englewood, CO 80155

Re: APDs Rescinded for XTO Energy Inc., Uintah County

Dear Ms. Villers:

Enclosed find the list of APDs that you asked to be rescinded. No drilling activity at these locations has been reported to the division. Therefore, approval to drill these wells is hereby rescinded effective December 4, 2015.

A new APD must be filed with this office for approval <u>prior</u> to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason

**Environmental Scientist** 

cc: Well File

Bureau of Land Management, Vernal



Operator '	API Number	Well Name:	Work Type	Date Approved	Date Permit Will Expire
XTO ENERGY INC	4304739849	WHB 11-5H	DRILL	12/03/2007	12/03/2015
XTO ENERGY INC	4304739850	WHB 6-5H	DRILL	12/03/2007	12/03/2015
XTO ENERGY INC	4304739851	WHB 3-5H	DRILL	12/03/2007	12/03/2015
XTO ENERGY INC	4304737448	LCU 9-8H	DRILL	12/08/2005	12/08/2015
XTO ENERGY INC	4304740465	FEDERAL 5-35B	DRILL	12/24/2008	12/24/2015
XTO ENERGY INC	4304738948	KC 14-31E	DRILL	12/28/2006	12/28/2015
XTO ENERGY INC	4304738949	KC 3-33E	DRILL	12/28/2006	12/28/2015